FY 2021

Metropolitan Water District of Salt Lake & Sandy



Executive Summary

Metropolitan Water District of Salt Lake & Sandy

3430 East Danish Road, Cottonwood Heights, UT 84093

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www.mwdsls.org



April 20, 2020—This is an executive summary of the Fiscal Year (FY) 2021 adopted tentative budget for the Metropolitan Water District of Salt Lake & Sandy (the "District").

The budget includes total budgeted revenue of \$47.7 million. This is based on maintaining the member cities FY 2020 water sales fixed charge (\$/month) in FY 2021 (no rate increase for the member cities). A 3% increase for non-member city water rates is budgeted. Future water rate increases are anticipated to be 3% annually through FY 2025 (5-year look ahead). Projected rate increases are consistent with previous forecasts. The budget maintains current tax revenues (no increases to the certified tax rate).

Total budgeted expenditures are \$47.7 million. This reflects an increase of \$571,900 in non-capacity capital expenditures and an increase of \$223,908 in capital expenditures for the Jordan Aqueduct System.

The Operations and Maintenance (O&M) budget totals \$17.7 million (excluding interest, depreciation, and amortization). This represents a 12.2% increase in expenses due to increased power costs and employee costs, including the addition of four full-time equivalents (FTEs) for succession planning and staffing needs. Additionally, this increase can be attributed to escalating assessments for Central Utah Project (CUP) Operation, Maintenance, and Replacement (OM&R) costs and related reserves. Costs related to CUP OM&R and related reserves are forecasted to continue to increase significantly over the next several years based on decisions of Central Utah Water Conservancy District. The forecasted increases are as follows (cost per acre foot):

- FY 2021: \$50.00 (25% increase)
- FY 2022: \$55.00 (10% increase)
- FY 2023: \$60.00 (9% increase)
- FY 2024: \$65.00 (8% increase)
- FY 2025: \$70.00 (8% increase)
- FY 2026: \$75.00 (7% increase)
- Increases beyond FY 2026 will be evaluated in the years leading up to FY 2027, with a stated need of the total cost to reach \$300 per acre foot.

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 \$3.7 million. The current estimated annual allotment for the Provo River Project water supply is 100%.

The total FY 2021 capital budget is \$7.3 million, and the total debt service budget is \$16.7 million. An increase to the reserves of \$2.3 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, updates to Little Cottonwood Water Treatment Plant (LCWTP), and replacement of the Salt Lake Aqueduct. No new debt service activity is anticipated during FY 2021; additional refunding opportunities will be explored.

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The District's operation plan anticipates utilization of Point of the Mountain Water Treatment Plant for the majority of the year to support necessary system upgrades at LCWTP, which is the primary reason for the budgeted increase in power costs. As previously noted, the adopted tentative budget includes an increase of four FTEs and a 4.0% COLA/merit-based salary increase, both of which will require additional District Board of Trustees ("Board") approval after final budget adoption. This will allow the Board to better evaluate economic impacts and conditions resulting from COVID-19 before these costs are approved. 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 2021 Budget Summary

Last	update:	3/31/2	0
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		Actual		Budget	Tentative
	2017	2018	2019	2020	2021
Sources of Funds				<u> </u>	
Water Sales					
Member Cities	\$ 20,259,556	\$ 21,272,534	\$ 21,910,716	\$ 21,762,030	\$ 21,762,030
Others	1,049,095	811,557	1,078,839	830,147	950,909
Total Water Sales	21,308,651	22,084,091	22,989,554	22,592,177	22,712,939
Property Taxes	10,736,053	10,807,069	11,218,668	11,241,170	10,919,239
Assessments	12,248,671	12,249,306	12,149,687	12,252,013	13,101,311
Miscellaneous					
Interest	439,376	587,712	1,121,236	614,160	904,835
Other	1,092,485	200,432	1,375,812	95,904	83,789
Total Miscellaneous	1,531,861	788,144	2,497,048	710,064	988,624
Bond Proceeds	120,000				
Total Sources of Funds	\$ 45,945,236	\$ 45,928,610	\$ 48,854,957	\$ 46,795,424	\$ 47,722,113
Uses of Funds					
Operations and Maintenance (includes					
O&M to other agencies; excludes					
depreciation/amortization)	\$ 12,797,418	\$ 12,584,341	\$ 13,755,611	\$ 15,813,083	\$ 17,743,753
Depreciation/Amortization	10,415,109	10,554,934	10,005,420	10,195,210	9,977,735
Capital Projects					
Capacity Improvement Projects	-	-	-	-	75,000
Non-Capacity Improvement Projects	7,003,259	2,739,975	2,777,770	1,967,200	2,539,100
Jordan Aqueduct System & 150th					
South Pipeline	3,336,572	1,323,641	289,903	1,492,407	1,716,315
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)	13,311,031	7,034,816	6,038,873	6,430,807	7,301,615
Provo River Water Users Association	3,259,963	3,874,247	7,104,903	3,284,835	3,652,259
Debt Service					
Principal	6,855,000	7,110,000	8,055,000	8,330,000	8,685,000
Interest	8,704,152	8,736,188	7,856,718	8,435,345	8,059,723
Total Debt Service	15,559,152	15,846,188	15,911,718	16,765,345	16,744,723
Net Funds To/(From) Reserves	1,017,672	6,589,018	6,043,852	4,501,354	2,279,763
Total Uses of Funds	\$ 45,945,236	\$ 45,928,610	\$ 48,854,957	\$ 46,795,424	\$ 47,722,113

Metropoli	tan Water District of Salt Lake	& Sandy							
Fiscal Yea	ır 2021								
TOTAL D	DISTRICT OPERATIONS AND	MAINTENA	NCE EXPEN	DITURES					
Last upda	te:								
03/30/20									

Account	Description	Actual FY 2017	Actual FY 2018	Actual FY 2019	3-Year Average (FY 2017-2019)	Budget FY 2020	Actual 12/31/2019	% of Total Spent YTD FY 2020	% of Total Spent YTD 3-year average	Projected Spend FY 2020	Projected Spend to Budget over/(under) for FY 2020	Budget FY 2021	% Change from FY 2020 Budget
5110	Salary & Wage Exp.	4,026,236	4,047,413	4,289,921	4,121,190	4,683,197	2,213,061	47.26%	48.01%	4,543,303	(139,894)	5,136,524	9.68%
5120	Overtime Premium	97,628	92,369	98,417	96,138	99,016	50,359	50.86%	46.58%	104,966	5,950	97,805	-1.22%
5130	Vacation	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5131	Sick Leave	(59,762)	21,424	6,288	(10,683)	-	-	N/A	0.00%	-	-	-	N/A
5170	On Call Pay	16,425	16,425	16,485	16,445	16,425	8,790	53.52%	48.16%	17,328	903	25,670	56.29%
5190	Other	200	614	3,129	1,314	2,500	800	32.00%	84.43%	1,189	(1,311)	2,500	0.00%
5210	Payroll Taxes	317,070	317,924	334,725	323,240	365,810	172,170	47.07%	48.23%	361,891	(3,919)	399,949	9.33%
	Salaries and Wages	4,397,797	4,496,169	4,748,965	4,547,644	5,166,948	2,445,180	47.32%		5,028,677	(138,271)	5,662,448	9.59%
5310	Retirement Plan	849,463	854,232	902,643	868,779	983,130	486,628	49.50%	50.23%	976,492	(6,638)	1,073,711	9.21%
5320	Medical Insurance Premiums	1,123,158	1,210,186	1,222,771	1,185,372	1,431,748	617,252	43.11%	47.46%	1,370,520	(61,228)	1,480,891	3.43%
5330	Tuition Aid Program	29,422	28,789	24,276	27,496	31,500	9,036	28.68%	33.34%	30,034	(1,466)	25,900	-17.78%
5350	Insurance Premiums	34,698	36,464	37,478	36,214	41,079	19,521	47.52%	49.88%	40,137	(942)	43,188	5.13%
	Employee Benefits	2,036,741	2,129,671	2,187,168	2,117,861	2,487,457	1,132,437	45.53%		2,417,183	(70,274)	2,623,690	5.48%
5340	Meetings & Seminars	18,838	38,514	25,882	27,745	40,912	15,337	37.49%	46.67%	38,868	(2,044)	54,865	34.10%
	Employee Training	18,838	38,514	25,882	27,745	40,912	15,337	37.49%		38,868	(2,044)	54,865	34.10%
5410	Business Travel	48,170	43,307	45,115	45,531	54,550	36,023	66.04%	53.04%	48,104	(6,446)	73,250	34.28%
5430	Vehicle O & M	51,041	47,955	49,800	49,599	48,192	30,488	63.26%	53.59%	52,874	4,682	53,250	10.49%
	Transportation	99,211	91,262	94,915	95,130	102,742	66,511	64.74%		100,978	(1,764)	126,500	23.12%
5510	Legal	206,990	213,046	209,186	209,741	300,000	88,691	29.56%	41.69%	263,628	(36,372)	300,000	0.00%
5520	Accounting	31,334	33,847	35,481	33,554	36,000	29,707	82.52%	83.18%	35,764	(236)	37,500	4.17%
5530	Contract Services	1,377,779	1,305,699	1,491,356	1,391,611	1,718,709	810,307	47.15%	61.49%	1,469,176	(249,533)	1,975,521	14.94%
5540	Other	67,011	26,659	20,451	38,040	32,300	5,594	17.32%	11.66%	34,147	1,847	31,800	-1.55%
	Professional Services	1,683,114	1,579,251	1,756,474	1,672,946	2,087,009	934,299	44.77%		1,802,715	(284,294)	2,344,821	12.35%
5610	Telephone	21,387	23,233	23,396	22,672	26,468	12,281	46.40%	49.20%	25,767	(701)	26,960	1.86%
5620	Electricity	1,179,358	778,891	901,551	953,267	1,443,920	290,561	20.12%	56.91%	912,768	(531,152)	1,872,852	29.71%
5630	Natural Gas	311,248	212,557	249,369	257,725	239,340	47,788	19.97%	24.65%	228,123	(11,217)	214,350	-10.44%
5640	Radio Communications	8,985	10,503	6,826	8,771	11,400	2,713 10,347	23.80%	41.34%	9,401	(1,999)	21,760	90.88%
5650	Water	19,165 1,540,143	23,138 1,048,322	24,815 1,205,957	22,373 1,264,808	27,960 1,749,088		37.01% 20.79%	53.45%	23,364 1,199,423	(4,596) (549,665)	27,960 2,163,882	0.00% 23,71%
4710	Utilities		1				363,690 39,825		## 020/		1		
5710 5720	Buildings & Grounds	71,153 223,836	54,661 253,865	46,521 254,174	57,445 243,958	35,020 256,962	109,258	113.72% 42.52%	75.83% 39.86%	48,289 243,206	13,269	93,520 315,860	167.05% 22.92%
5/20	Machinery & Equipment Repairs and Maintenance	223,836 294,989	308,526	300,695	301,403	256,962 291,982	149,083	51.06%	39.86%	243,206 291,495	(13,/56)	315,860 409,380	40.21%
5810	General Supplies	18,763	21,673	22,530	20,989	28,960	23,109	79.80%	55.91%	38,141	9,181	24,210	-16.40%
5820	Office Supplies	9,392	5,745	6,527	7,221	7,800	8,084	103.64%	42.94%	12,543	4,743	9,600	23.08%
5830	Materials	176,269	160,870	194,095	177,078	195,946	71.077	36,27%	39,46%	190,878	(5,068)	257,714	31.52%
5840	Chemicals	1,170,347	1,223,290	1,544,772	1,312,803	1,651,563	1,165,136	70.55%	60.34%	1,817,983	166,420	1,642,297	-0.56%
5850	Computer & Instr. Supplies	115,989	117,475	105,067	112,844	105,830	60,956	57.60%	55.91%	112,844	7,014	110,047	3.98%
5850	Chemicals and Supplies	1,490,760	1,529,053	1,872,991	1,630,935	1,990,099	1,328,362	66.75%	33.7170	2,172,389	182,290	2,043,868	2.70%
5901	General Insurance	513,116	510,938	524,056	516,037	552,342	278,139	50.36%	50.54%	551,346	(996)	617,327	11.77%
5902	Administrative Fees	340,059	464,827	637,460	480,782	898.882	17,386	1.93%	4.77%	873,430	(25,452)	1,253,882	39,49%
5903	Water Stock Assessment	3,002	685	683	1,457	21,307	43	0.20%	2.92%	20,728	(579)	21,307	0.00%
5904	Rent Exp.	4,451	2,107	14,330	6,963	22,250	15,946	71.67%	64.03%	23,948	1,698	8,450	-62.02%
5905	Miscellaneous	69,861	74,465	67,889	70,738	71,800	29,735	41.41%	54.66%	62,141	(9,659)	73,754	2.72%
5906	Postage & Freight Exp.	3,236	3,354	2,975	3,188	4,000	1,177	29.42%	46.39%	3,720	(280)	4,000	0.00%
5907	Contributions & Events	224,158	227,848	225,514	225,840	235,400	13,638	5.79%	20.88%	221,260	(14,140)	239,400	1.70%
5909	Depreciation Exp.	10,686,522	10,831,933	10,438,883	10,652,446	10,490,000	5,398,552	51.46%	50.35%	10,606,374	116,374	10,900,000	3.91%
5910	Interest Exp.	8,704,152	8,736,188	7,856,718	8,432,353	8,435,345	4,231,473	50.16%	54.39%	8,365,905	(69,440)	8,059,723	-4.45%
5911	Laundry	13,016	8,932	12,907	11,618	14,795	8,603	58.15%	66.44%	12,148	(2,647)	15,314	3.51%
5913	Safety	28,539	35,277	37,353	33,723	36,150	15,616	43.20%	36.39%	39,432	3,282	40,325	11.55%
5914	Subscriptions & Publications	2,071	3,419	1,844	2,445	3,913	371	9.47%	58.11%	1,997	(1,916)	3,915	0.05%
5915	Outside Printing	532	-	281	271	1,200		0.00%	0.00%	1,200	-	1,260	5.00%
5916	Dues & Memberships	33,784	31,721	37,272	34,259	34,806	18,208	52.31%	77.91%	26,203	(8,603)	35,240	1.25%
5917	Amortization Exp.	(271,413)	(276,999)	(433,463)	(327,292)	(294,790)	(459,515)	155.88%	41.75%	(922,265)	(627,475)	(922,265)	212.85%
	Other Expenses	20,355,086	20,654,695	19,424,702	20,144,828	20,527,400	9,569,372	46.62%		19,887,567	(639,833)	20,351,757	-0.86%
	Total Expenses Excluding personnel (P) costs Excluding interest (I) costs	31,916,679 25,482,141 23,212,527	31,875,463 25,249,623 23,139,275	31,617,749 24,681,616 23,761,031	31,803,301 25,137,796 23,370,948	34,443,637 26,789,232 26,008,292	16,004,271	46.47%		32,939,295	(1,504,342)	35,781,211 27,495,073 27,721,488	3.88% 2.63% 6.59%
	Excluding depreciation (D) and amortization (A)	21,501,570	21,320,529	21,612,329	21,478,147	24,248,427						25,803,476	6.41%
	Excluding I, D, and A	12,797,418	12,584,341	13,755,611	13,045,794	15,813,082						17,743,753	12.21%

Fiscal Yea	ar 2021												
DMINIS	STRATIVE (10)												
Last Upda	ate:												
03/05/20													
		Actual	Actual	Actual	3-Year Average	Budget	Actual	% of Total Spent YTD	% of Total Spent YTD 3-year	Projected Spend	Projected Spend to Budget over/(under)	Budget	% Change from FY 2020
Account	Description	FY 2017	FY 2018	FY 2019	(FY 2017-2019)	FY 2020	12/31/2019	FY 2019	average	FY 2020	for FY 2020	FY 2021	Budget
5110	Salary & Wage Exp.	347,894	390,208	534,154	424,085	587,907	276,662	47.06%	46.09%	593,584	5,677	617,212	4.989
5120	Overtime	545	229	-	258	-	53	N/A	61.22%	53	53	-	N/A
5210	Payroll Taxes	24,065	28,709	38,368	30,381	42,650	19,559	45.86%	45.34%	42,873	223	44,076	3.349
	Salaries and Wages	372,504	419,146	572,522	454,724	630,557	296,274	46.99%		636,510	5,953	661,288	4.87%
5310	Retirement Plan	71,907	80,289	111,173	87,790	118,618	60,138	50.70%	48.99%	120,650	2,032	124,293	4.789
5320	Medical Insurance Premiums	73,115	82,665	114,754	90,178	143,842	68,682	47.75%	45.88%	146,528	2,686	120,087	-16.519
5330	Tuition Aid Program	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	2,049	3,338	4,780	3,389	4,888	2,660	54.41%	48.83%	5,161	273	5,574	14.049
	Employee Benefits	147,071	166,292	230,707	181,357	267,348	131,480	49.18%		272,339	4,991	249,954	-6.51%
5340	Meetings & Seminars	7,277	11,658	9,806	9,580	7,645	3,594	47.01%	65.84%	6,205	(1,440)	8,095	5.899
	Employee Training	7,277	11,658	9,806	9,580	7,645	3,594	47.01%		6,205	(1,440)	8,095	5.89%
5410	Business Travel	29,312	17,247	22,174	22,911	26,850	10,437	38.87%	48.46%	24,276	(2,574)	25,650	-4.479
5430	Vehicle O & M	195	431	309	312	406	347	85.52%	71.33%	464	58	406	0.009
	Transportation	29,507	17,678	22,483	23,223	27,256	10,784	39.57%		24,740	(2,516)	26,056	-4.40%
5510	Legal	206,990	213,046	209,186	209,741	300,000	88,691	29.56%	41.69%	263,628	(36,372)	300,000	0.009
5520	Accounting	31,334	33,847	35,481	33,554	36,000	29,707	82.52%	83.18%	35,764	(236)	37,500	4.179
5530	Contract Services	142,289	131,996	268,464	180,916	148,403	62,279	41.97%	39.77%	151,669	3,266	149,895	1.019
5540	Other	-	-		-	-		N/A	0.00%		-		N/A
	Professional Services	380,613	378,889	513,131	424,211	484,403	180,677	37.30%		451,061	(33,342)	487,395	0.62%
5610	Telephone	1,380	1,355	2,220	1,652	2,340	1,110	47.44%	48.13%	2,035	(305)	2,340	0.009
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
	Utilities	1,380	1,355	2,220	1,652	2,340	1,110	47.44%		2,035	(305)	2,340	0.00%
5710	Buildings & Grounds	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	927	726		413	-		N/A	0.00%		-		N/.
	Repairs and Maintenance	927	726	•	413	-	-	N/A		•	-	-	N/A
5810	General Supplies	2,674	2,904	3,743	3,107	3,900	5,548	142.26%	83.98%	5,548	1,648	3,000	-23.089
5820	Office Supplies	9,348	5,745	6,527	7,207	7,800	8,084	103.64%	42.83%	12,543	4,743	9,600	23.089
5830	Materials	-	-		-	-		N/A	0.00%	-	-		N/A
5840	Chemicals	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5850	Computer & Instr. Supplies Chemicals and Supplies	12.022	8,649	10,270	10,314	11,700	13,632	N/A 116.51%	0.00%	18,091	6.391	12,600	7.69%
5901		12,022	8,049	10,270	10,314	11,700	13,032	110.51% N/A	0.00%	18,091	0,391	12,000	7.69% N/.
5901 5902	General Insurance	-	-	-	-	-	-	N/A N/A	0.00%	-	-	-	
	Administrative Fees	-	-	-	-	-	-			-	-	-	N/A
5903	Water Stock Assessment	-	-	-	-	-		N/A	0.00%		-		N/a
5904	Rent Exp.	20,781	23,400	19,501	21,227	22,200	7,546	N/A 33,99%	70.73%	14,044	(8,156)	27,050	N/. 21.85%
5905 5906	Miscellaneous	20,781	3,354	2,975		3,000	1,177	33.99%	70.73% 48.57%		(8,156)	3,000	0.009
5906 5907	Postage & Freight Exp. Contributions and Events	120,372	3,354 85,213	121,079	3,045 108,888	3,000 135,400	1,177	39.23% 10.07%	48.57% 28.15%	2,720 135,400	(280)	3,000 124,400	-8.129
		120,5/2	85,213	121,079	108,888	135,400	15,638			155,400	-	124,400	
5909 5910	Depreciation Exp.	+	-		1	-	-	N/A N/A	0.00%	-	-		N/.
5910	Interest Exp.	2.946	274	3,214	2,145	3,000	482	N/A 16.07%	52.49%	482	(2.518)	3,000	0.00%
5911 5913	Laundry	2,946	274 100	3,214	2,145	3,000	482		52.49%	482	(2,518)	3,000	
5913 5914	Safety	1,249	1,643	1,285	1,392	1,555	-	N/A 0.00%	50.09%	776	(779)	1,555	N/. 0.009
	Subscriptions & Publications	1,249	1,643	1,285	1,392	1,555	-			7/6	(7/9)	1,555	
5915	Outside Printing	3,274	1.051	1,958	2,363	1,903	1,499	N/A 78.77%	50.98%	2,432	529	1,943	N/. 2.109
5916	Dues & Memberships	5,274	1,856	1,958	2,363	1,903	1,499			2,432	529	1,943	
5917	Amortization Expense	151,437	115,840	150,012	139,096	167,058	24,342	N/A 14.57%	0.00%	155,854	(11,204)	161,198	-3.51%
	Other Expenses Total Expenses	1,102,738	1,120,233	1,511,151	1,244,570	1,598,307	661,893	41.41%		1,566,835	(31,472)	1,608,926	0.66%
	1 otal Expenses	1,102,/38	1,140,433		ersonnel costs	700,402	001,893	41.41%		1,300,835	(31,472)	697,684	-0.39%

Center Name:	neral Expenditures Worksheet Administrative (10)						
Update:							
5/20				1			
Account Number 5110	Account Name Salary and Wage Expense	Description Salary and wages (6 FTEs, 1 intern)	Submitted by:	Units Pay Period	Quantity 26 \$	Unit Price 23,739	Extended Amou \$ 61'
5110 Total							\$ 61'
5210 5210 Total	Payroll Taxes	Employer Portion of Payroll Taxes		Pay Period	26 \$	1,695	\$ 44 \$ 44
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match		Pay Period	26 \$	4,780	
5310 Total 5320	Medical Insurance Premiums	Insurance premiums (Medical, Dental, Vision, and H.S.A. Contribution)		Monthly	12 \$	10,007	\$ 124 \$ 120
5320 Total							\$ 120
5350 5350	Insurance Premiums Insurance Premiums	Health Savings Admin Fee AD&D, Basic Life, Long Term Disability, etc.	Annalee Munsey Annalee Munsey	Monthly Monthly	12 \$ 12 \$	165 300	
5350 Total							\$
5340 5340	Meetings & Seminars Meetings & Seminars	Administrative Training Meeting Refreshments	Annalee Munsey Annalee Munsey	Each Each	8 S 12 S	200 60	
5340	Meetings & Seminars	Healthy Utah refreshments	Annalee Munsey	Each	12 \$	100	
5340	Meetings & Seminars	Utah Water Users Association summit sponsorship & 4 registrations	Annalee Munsey	Each	1 \$	650	
5340	Meetings & Seminars	Utah Water Users Workshop sponsorship	Annalee Munsey	Each	1 \$	375	
5340	Meetings & Seminars	Business Meetings	Annalee Munsey	Each	1 \$	2,200	
5340 5340	Meetings & Seminars Meetings & Seminars	District Lunches Operator Certification renewals	Annalee Munsey Annalee Munsey	Each Each	1 S 1 S	1,200 150	
5340 Total		, 1					s
5410	Business Travel	AWWA Intermountain Section	Annalee Munsey	Each	3 \$	1,500	
5410	Business Travel Business Travel	AWWA Annual Conference	Annalee Munsey	Each	2 \$	3,000	
5410 5410	Business Travel Business Travel	Utah Association of Special Districts National Water Resources Association (NWRA) Annual Conference	Annalee Munsey Annalee Munsey	Each Each	3 \$ 1 \$		\$ \$
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	2 \$	1,200	\$
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	
5410 5410	Business Travel Business Travel	Human Resource Conference GFOA Conference	Annalee Munsey Annalee Munsey	Each Each	1 S 0 S	3,000 2,000	
5410 Total	Business Traver	Grow Conference	Ailliaice Wullsey	Lacii	0 3		s 2
5430	Vehicle O&M	Mileage reimbursement	Annalee Munsey	Miles	700 \$	0.58	s
5430 Total							\$
5510 T-4-1	Legal	General Counsel	Mike DeVries	Monthly	12 \$	25,000	
5510 Total 5520	Accounting	Annual audit-contract amount (Year 2 of 5)	Annalee Munsey	Lump sum	1 \$	10,000	\$ 30 \$
5520	Accounting	Payroll & timekeeping outsourcing	Annalee Munsey	Lump sum	1 \$	13,500	
5520	Accounting	Accountant consultation work (Year 1 of 5)	Annalee Munsey	Lump sum	1 \$	14,000	
5520 Total							\$ 3
5530	Contract Services	Motor Vehicle Record requests	Annalee Munsey	Each	66 \$	17.50	
5530 5530	Contract Services	Federal Random Consortium Pool Annual Fee (for CDL holders)	Annalee Munsey	Annual Each	1 \$	175.00	
5530	Contract Services Contract Services	Drug Screeningrandom and pre-employment New Hire background checks	Annalee Munsey Annalee Munsey	Each	12 \$ 5 \$	46.50 100.00	
5530	Contract Services	Investment advisor fees	Mike DeVries	Monthly	12 \$	1,875	
5530	Contract Services	Bond post-issue compliance (continuing disclosure)	Mike DeVries	Annual	1 \$	1,000	
5530	Contract Services	2011A Bond trustee fee (ends May 2036)	Annalee Munsey	Each	1 \$		
5530	Contract Services	2012A Bond trustee fee (ends March 2037)	Annalee Munsey	Each	1 \$		
5530 5530	Contract Services Contract Services	2012B Bond trustee fee (ends April 2022) 2015A Bond trustee fee (ends April 2034)	Annalee Munsey Annalee Munsey	Each Each	1 \$		
5530	Contract Services	2016A Bond trustee fee (ends May 2031)	Annalee Munsey	Each	1 \$		
5530	Contract Services	2019A Bond trustee fee (ends April 2037)	Annalee Munsey	Each	1 \$		S
5530	Contract Services	Arbitrage rebate analysis	Mike DeVries	Each	1 \$		
5530	Contract Services	Salt Lake County data recorder services	Annalee Munsey	Each	12 \$	25	
5530	Contract Services	Governmental relations/lobbying	Mike DeVries	Monthly	12 \$	7,334	
5530 5530	Contract Services Contract Services	Public relations/public involvement consulting services Financial consulting services (year 4 of 5)	Annalee Munsey Mike DeVries	Lump sum Lump sum	1 \$		\$ \$
5530	Contract Services	Records management	Annalee Munsey	Lump sum	1 \$		\$
5530	Contract Services	Safety Data Sheets Online Service (year 1 of 3)	Annalee Munsey	Lump sum	1 \$	3,299	S
5530 Total				1			\$ 14
5610	Telephone	Mobile phone allowances (4)	Mike DeVries	Monthly	12 \$	195	
5610 Total 5810	General Supplies	General Supplies	Mike DeVries	Lump sum	1 \$		\$
5810 Total	ouppries		mine De vites	Zamp sum	1 3		\$
5820	Office Supplies	General Office Supplies	Mike DeVries	Monthly	12 \$		
5820 Total							\$
5905	Miscellaneous	Service Awards	Annalee Munsey	Each Each	14 \$	775	
5905 5905	Miscellaneous Miscellaneous	Job Postings Wellness Program	Annalee Munsey Annalee Munsey	Each Employee	5 \$ 68 \$	200 200	
5905	Miscellaneous	Legal Notices	Mike DeVries	Each	2 \$	800	
5905 Total							\$
5906	Postage & Freight Expense	Postage metering	Annalee Munsey	Lump sum	1 \$	3,000	
5906 Total	Contribution 9 Front	Fundama Common Destri	Miles Dell'	T			\$
5907 5907	Contribution & Events Contribution & Events	Employee Summer Party Employee Winter Party	Mike DeVries Mike DeVries	Lump sum Lump sum	1 S 1 S	10,000	
5907	Contribution & Events	Governor's Water Conservation Team	Mike DeVries	Lump sum	1 \$	36,400	
5907	Contribution & Events	Water Week Activities	Mike DeVries	Lump sum	1 \$	3,000	
5907	Contribution & Events	Water Audits	Mike DeVries	Lump sum	1 \$	65,000	\$ (
5907 Total		hr. se	V2 5 22 1				\$ 12
5911 5011 Total	Laundry	Uniforms	Mike DeVries	Lump sum	1 \$	3,000	
5911 Total 5913	Safety	Safety shoes and safety glasses	Annalee Munsey	Lump sum	1	125	s S
5913 Total	. 7	,, , , , , , , , , , , , , , , , ,	,	_amp sum	,		\$
5914	Subscriptions & Publications	Technet (Salary Review Service)	Annalee Munsey	Lump sum	1 \$	350	
5914	Subscriptions & Publications	Salary Surveys	Annalee Munsey	Each	3 \$	285	
5914	Subscriptions & Publications	Labor Law Posters	Annalee Munsey	Each	5 \$	30	
5914	Subscriptions & Publications	Books	Annalee Munsey	Each	4 \$	50	
5914 Total 5916	Dues & Membership	Human Resources Association (World at Work)	Annalee Munsey	Lump sum	1 \$		\$
5916	Dues & Membership	Employers Council	Annalee Munsey	Lump sum	1 \$		
5916	Dues & Membership	Society for Human Resource Management	Annalee Munsey	Lump sum	2 \$		
	Dues & Membership	Government Finance Officers Association	Mike DeVries	Lump sum	1 \$	160	

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Last Upda 3/19/20	ate:	T							T		I		·
)3/17/20											D		
	Province	Actual	Actual	Actual FY 2019	3-Year Average	Budget	Actual	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year	Projected Spend FY 2020	Projected Spend to Budget over/(under)	Budget	% Change from FY 2020
Account 5110	Description Salary & Wage Exp.	FY 2017	FY 2018	FY 2019	(FY 2017-2019)	FY 2020	12/31/2019	N/A	average 0.00%	F Y 2020	for FY 2020	FY 2021	Budget N/A
5120	Overtime Premium	-	-		-	-		N/A N/A	0.00%		-		N/A
5130	Vacation	_	_	-	-	_	_	N/A	0.00%	_	_	_	N/
5131	Sick Leave	(59,762)	21,424	6,288	(10,683)	-	-	N/A	0.00%	-	-	-	N/A
5170	On Call Pay	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5190	Other	200	614	3,129	1,314	2,500	800	32.00%	84.43%	1,189	(1,311)	2,500	0.00%
5210	Payroll Taxes	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	Salary and Wages	(59,562)	22,038	9,417	(9,369)	2,500	800	32.00%		1,189	(1,311)	2,500	0.00%
5310	Retirement Plan	-	-	-	-	-		N/A	0.00%		-		N/A
5320	Medical Insurance Premiums	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5330	Tuition Aid Program	29,422	28,789	24,276	27,496	31,500	9,036	28.68%	33.34%	30,034	(1,466)	25,900	-17.78%
5350	Insurance Premiums		-		-	-		N/A	0.00%				N/A
5240	Employee Benefits	29,422	28,789	24,276	27,496	31,500	9,036	28.69%		30,034	(1,466)	25,900	-17.78%
5340	Meetings & Seminars	983	1,372	1,429	1,261	2,680	801	29.88% 29.89%	44.75%	2,281	(399)	2,680	0.00% 0.00%
5410	Employee Training	983	1,372	1,429	1,261	2,680	801		0.000/	2,281	(399)	2,680	T
5410 5430	Business Travel Vehicle O & M	47,204	44,923	48,100	46,742	45,788	29,218	N/A 63.81%	0.00% 53.67%	50,432	4,644	50,920	N/A 11.21%
3430	Transportation	47,204	44,923	48,100 48,100	46,742	45,788	29,218	63.81%	33.0776	50,432	4,644	50,920	11.21%
5510	Legal	47,204	44,723	40,100	40,742	43,700	27,210	N/A	0.00%	50,452	7,044	30,720	N/A
5520	Accounting		_		-	_		N/A	0.00%		-		N/A
5530	Contract Services	693,617	628,191	612,448	644,752	764,756	562,057	73.49%	93.47%	611,965	(152,791)	808,185	5.68%
5540	Other	7,699	5,255	2,430	5.128	5,500	-	0.00%	10.27%	4,935	(565)	6,000	9.09%
	Professional Services	701,316	633,446	614,878	649,880	770,256	562,057	72.97%		616,900	(153,356)	814,185	5.70%
5610	Telephone	6,523	7,814	8,052	7,463	9,000	4,064	45.16%	47.74%	8,768	(232)	9,000	0.00%
5620	Electricity	1,179,358	778,891	901,551	953,267	1,443,920	290,561	20.12%	56.91%	912,768	(531,152)	1,872,852	29.71%
5630	Natural Gas	311,248	212,557	249,369	257,725	239,340	47,788	19.97%	24.65%	228,123	(11,217)	214,350	-10.44%
5640	Radio Communications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5650	Water	19,165	23,138	24,815	22,373	27,960	10,347	37.01%	53.45%	23,364	(4,596)	27,960	0.00%
	Utilities	1,516,294	1,022,400	1,183,787	1,240,828	1,720,220	352,760	20.51%		1,173,023	(547,197)	2,124,162	23.48%
5710	Buildings & Grounds	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	-	150	-	38	625	810	129.60%	100.00%	810	185	810	29.60% 29.60%
5010	Repairs and Maintenance	-	150	-	38	625	810		0.000/	810	185	810	
5810 5820	General Supplies Office Supplies	-	-	-	-	-	<u>-</u>	N/A N/A	0.00%	<u>-</u>	-	-	N/A N/A
5820	Materials	8,974	5,352	-	4,776	-		N/A N/A	71.88%		-		N/A
5840	Chemicals	0,274	3,332		4,770			N/A	0.00%				N/A
5850	Computer & Instr. Supplies	_	_		-	_	_	N/A	0.00%	_	-	-	N/A
	Chemicals and Supplies	8,974	5,352		4,776	-	-	N/A		-	-		N/A
5901	General Insurance	513,116	510,938	524,056	516,037	552,342	278,139	50.36%	50.54%	551,346	(996)	617,327	11.77%
5902	Administrative Fees	340,059	464,827	637,460	480,782	898,882	17,386	1.93%	4.77%	873,430	(25,452)	1,253,882	39.49%
5903	Water Stock Assessment	3,002	685	683	1,457	21,307	43	0.20%	2.92%	20,728	(579)	21,307	0.00%
5904	Rent Exp.	-	-		-	-		N/A	0.00%	-	-		N/A
5905	Miscellaneous	49,080	51,064	48,388	49,511	49,600	22,189	44.74%	47.77%	48,097	(1,503)	46,704	-5.84%
5906	Postage & Freight Exp.	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5907	Contributions & Events	103,787	142,190	104,435	116,804	100,000	-	0.00%	14.14%	85,860	(14,140)	115,000	15.00%
5909	Depreciation Expense	10,686,522	10,831,933	10,438,883	10,652,446	10,490,000	5,398,552	51.46%	50.35%	10,606,374	116,374	10,900,000	3.91%
5910	Interest Expense	8,704,152	8,736,188	7,856,718	8,432,353	8,435,345	4,231,473	50.16%	54.39%	8,365,905	(69,440)	8,059,723	-4.45%
5911	Laundry	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5913	Safety	11,068	18,541	23,713	17,774	20,825	9,339	44.84%	40.39%	21,752	927	20,585	-1.15%
5914	Subscriptions & Publications	345	854	406	535	879	258	29.29%	89.14%	353	(526)	860	-2.16%
5915	Outside Printing	-	-		-			N/A	0.00%		-		N/2
5916	Dues & Memberships	28,055	26,552	34,363	29,657	28,693	16,154	56.30%	79.15%	22,136	(6,557)	30,440	6.09%
5917	Amortization Exp.	(271,413) 20,167,773	(276,999) 20,506,773	(433,463) 19,235,642	(327,292) 19,970,064	(294,790) 20.303.083	(459,515) 9.514.018	155.88% 46.86%	41.75%	(922,265) 19,673,716	(627,475) (629,367)	(922,265) 20,143,563	-0.79%
	Other Expenses Total Expenses	22,412,404	22,265,243	21,117,529	21,931,716	22,876,652	10,469,500	45.77%		21,548,385	(1,328,267)	23,164,720	1.26%
	1 otal Expenses	22,712,704	22,203,243		ersonnel costs	22,842,652	10,707,300	73.11/0		21,370,303	(1,020,207)	23,136,320	1.29%

Center Name:	General (20)						
Update:							
0/20							
ccount Number	Account Name	Description	Submitted By	Units	Quantity	Unit Price	Extended Amour
5190 5190 Total	Other	Employee suggestions (General & Safety)	Mike DeVries	Lump sum	1 \$	2,500	\$ 2, \$ 2,
5330	Tuition Aid Program	Tuition Assistance	Mike DeVries	Lump sum	1 \$	25,900	
5330 Total	I	L					\$ 25,
5340 5340	Meetings & Seminars Meetings & Seminars	District training Safety committee inspections	Annalee Munsey Annalee Munsey	Bi-monthly Quarterly	24 \$ 4 \$		
5340	Meetings & Seminars	Utah Safety Conference	Annalee Munsey	Each	2 \$		
5340 Total							\$ 2,
5430	Vehicle O&M	Fleet Vehicles (Gasoline)	Wayne Winsor	Gallons	11500 S		
5430 5430	Vehicle O&M Vehicle O&M	Fleet Vehicles (Diesel) Specialty Vehicles (Diesel)	Wayne Winsor Wayne Winsor	Gallons Gallons	2500 S 1000 S		
5430	Vehicle O&M	Lube-oil-filter, repairs, tire replacement etc.	Wayne Winsor	Lump sum	1 \$		
5430	Vehicle O&M	Emissions and Inspections	Wayne Winsor	Lump sum	1 \$	1,400	\$ 1,
5430	Vehicle O&M	Repair Parts	Wayne Winsor	Lump sum	1 \$		
5430 5430 Total	Vehicle O&M	Pipe Racks for TRK. #65 & #66	Wayne Winsor	Each	2 \$	1,400	\$ 2, \$ 50,
5530	Contract Services	Jordan Aqueduct O&M by JVWCD	Mike DeVries	AF	10,500 \$	24.61	
5530	Contract Services	JVWTP operations by JVWCD	Mike DeVries	AF	2,500 \$	49.28	
5530	Contract Services	JVWTP maintenance by JVWCD	Mike DeVries	Lump sum	1 \$		
5530	Contract Services	Jordan Aqueduct Terminal Reservoir operations by JVWCD	Mike DeVries	AF	10,875 \$		
5530	Contract Services	Jordan Aqueduct Terminal Reservoir maintenance by JVWCD	Mike DeVries	Lump sum	1 \$		
5530	Contract Services	150th South Pipeline operations by JVWCD	Mike DeVries	AF	8,496 \$		
5530	Contract Services	150th South Pipeline maintenance by JVWCD	Mike DeVries Mike DeVries	Lump sum	1 500 8		
5530 5530	Contract Services Contract Services	Non-CUP water carriage charge in JA DACRWTP transfer pump cost	Mike DeVries Mike DeVries	AF AF	1,500 S 300 S		
5530	Contract Services Contract Services	Water Softeners/De-ionized Water	Wayne Winsor	Monthly	300 S		
5530	Contract Services	Garbage Removal	Wayne Winsor	Monthly	12 S		
5530	Contract Services	Learning Management System online service	Annalee Munsey	Monthly	12 S		
5530	Contract Services	Harmful Algal Bloom sampling	Mike DeVries	Lump sum	1 \$		
5530 Total							S 808
5540	Other	Employee Development	Annalee Munsey	Lump sum	1 \$		
5540	Other	Management/Leadership Training	Annalee Munsey	Lump sum	1 \$	3,500	
5540 Total		ma may 0, may 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,					\$ 6
5610	Telephone	T1 PRI for District phone lines	Ryan Nicholes	Monthly	12 \$		
5610 5610	Telephone	Long Distance Services for T1 Phone number DIDs	Ryan Nicholes	Monthly Monthly	12 \$ 12 \$		
5610	Telephone Telephone	LCWTP Ozone Building phone lines and long distance	Ryan Nicholes Ryan Nicholes	Monthly	12 \$		
5610	Telephone	JNPS phone line	Ryan Nicholes	Monthly	12 \$		
5610	Telephone	POMWTP backup phone lines	Ryan Nicholes	Monthly	12 \$		
5610 Total	· · ·						s 9
5620	Electricity	Aqueducts	Ryan Nicholes	Monthly	12 S	580	\$ (
5620	Electricity	Finished water reservoirs	Ryan Nicholes	Monthly	12 \$	1,452.75	\$ 17
5620	Electricity	Salt Lake Aqueduct intake	Ryan Nicholes	Monthly	12 \$	1,627.17	\$ 19
5620	Electricity	Jordan Narrows Pump Station	Ryan Nicholes	Monthly	6 \$		
5620	Electricity	Point of the Mountain site	Ryan Nicholes	Monthly	12 \$		
5620	Electricity	Little Cottonwood site	Ryan Nicholes	Monthly	12 \$		
5620	Electricity	POMWTP Standby Generator (Diesel)	Wayne Winsor	Gallons	1000 S		
5620 5620 Total	Electricity	LCWTP Standby Generator (Diesel)	Wayne Winsor	Gallons	1000 S	2.72	\$ 1,87
5630	Natural Gas	Questar - Point of the Mountain Site	Wayne Winsor	Monthly	12 S	1,500	
5630	Natural Gas	Questar - Little Cottonwood Site/Terminal Reservoir	Wayne Winsor	Monthly	12 \$		
5630	Natural Gas	BP Gas	Wayne Winsor	Monthly	12 \$		
5630	Natural Gas	LCWTP Boiler (Diesel)	Wayne Winsor	Gallons	500 S	2.70	\$
5630 Total							\$ 21
5650	Water	Salt Lake City	Wayne Winsor	Monthly	12 S		
5650	Water	Cottonwood Improvement District	Wayne Winsor	Quarterly	4 S		
5650	Water	Mt. Olympus Improvement District (sanitary sewer @ Terminal Reservoir)	Wayne Winsor	Bi-monthly	6 \$		
5650 5650	Water	Draper City (storm drain fee)	Wayne Winsor	Monthly	12 \$ 12 \$		
5650 Total	Water	South Valley Sewer	Wayne Winsor	Monthly	12 8		\$ \$ 2
5720	Machinery & Equipment	Fit test recalibration	Annalee Munsey	Lump sum	1 S	-	
5720	Machinery & Equipment	Equipment repairs	Annalee Munsey	Lump sum	0 \$		
5720 Total						:	s
5901	General Insurance	General liability	Mike DeVries	Lump sum	1 \$		
5901	General Insurance	Automobile liability	Mike DeVries	Lump sum	1 \$		
5901	General Insurance	Public officials/management liability	Mike DeVries	Lump sum	1 \$		
5901	General Insurance	Umbrella/excess liability (included with general liability)	Mike DeVries	Lump sum	1 \$		
5901	General Insurance	Property Wastern communication	Mike DeVries	Lump sum	1 \$		
5901 5901	General Insurance General Insurance	Workers compensation Pollution/environmental liability (year 1 of 3)	Mike DeVries Mike DeVries	Lump Sum Lump sum	1 S		
5901	General Insurance	Employee dishonesty/Crime	Mike DeVries	Lump sum Lump sum	1 \$		
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 \$		
5901	General Insurance	Public officials bondTreasurer (year 1 of 3)	Mike DeVries	Lump sum	1 \$		
5901	General Insurance	Insurance consulting fee (year 4 of 5)	Mike DeVries	Lump sum	1 \$		
5901	General Insurance	Miscellaneous	Mike DeVries	Lump sum	1 \$	- :	
5901 Total	1						\$ 61
5902	Administrative Fees	Utah Lake Water Users Association	Mike DeVries	Monthly	12 \$		
5902	Administrative Fees	Central Utah Project Water	Mike DeVries	Acre feet	23100 \$	50.00	
5902 Total	Water Stock As	Die Ditch Indention Communication	Miles D-W-i-	CL	192.6 \$	107.50	\$ 1,25
5903 5903	Water Stock Assessment Water Stock Assessment	Big Ditch Irrigation Company Big Cottonwood Lower Canal Company	Mike DeVries Mike DeVries	Shares Shares	192.6 \$ 20.64 \$		
5903	Water Stock Assessment Water Stock Assessment	State Engineer Little Cottonwood Creek distribution assessment	Mike DeVries	Each	20.64 \$		
5903	Water Stock Assessment	Sandy Irrigation Company	Mike DeVries	Shares	2 \$		
5903	Water Stock Assessment	Utah Lake Distributing Company	Mike DeVries	Shares	1 \$		
5903	Water Stock Assessment	Bell Canyon Irrigation Company	Mike DeVries	Shares	1 \$		
5903 Total							\$ 2
3703 Total							
5905	Miscellaneous	Water Quality Incentive Awards	Annalee Munsey	Lump sum	1 \$	16,000	\$

ost Center Name:	General (20)						
ast Update:							
3/19/20							
Account Number	Account Name	Description	Submitted By	Units	Quantity	Unit Price	Extended Amount
5907	Contribution & Events	Provo River Watershed Council (year 3 of 5 at \$100,000 per year; or alternate)	Mike DeVries	Lump sum	1 \$	100,000	\$ 100,000
5907	Contribution & Events	Central Wasatch Commission	Annalee Munsey	Lump sum	1 \$	15,000	\$ 15,000
5907 Total							\$ 115,00
5909	Depreciation Expense	Depreciation of Capital Assets	Sonya Shepherd	Monthly	12 \$	908,333	\$ 10,900,000
5909 Total							\$ 10,900,000
5910	Interest Expense	Variable rate debt management fees (Wells Fargo direct purchase)	Annalee Munsey	Lump sum	1 \$	352,314	\$ 352,314
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 \$	1,506,600	\$ 1,506,600
5910	Interest Expense	2012B bonds	Annalee Munsey	Lump sum	1 \$	144,575	\$ 144,575
5910	Interest Expense	2015 bonds	Annalee Munsey	Lump sum	1 S	187,750	\$ 187,750
5910	Interest Expense	2016A bonds	Annalee Munsey	Lump sum	1 \$		
5910	Interest Expense	2019A bonds	Annalee Munsey	Lump sum		2,038,518	
5910 Total	1						s 8,059,723
5913	Safety	Safety Incentive program	Annalee Munsey	Lump sum	1 S	12,000	\$ 12,000
5913	Safety	Medical Clearance for respirator	Annalee Munsey	Each	25 S	65	
5913	Safety	First Aid supplies	Annalee Munsey	Monthly	12 S	150	
5913	Safety	AED battery replacements	Annalee Munsey	Each	7 S	150	\$ 1,050
5913	Safety	Safety supplies (ear plugs, gas cans, eyewash, respirator cleaning wipes)	Annalee Munsey	Lump sum	1 S	440	
5913	Safety	Absorbent materials	Annalee Munsey	Lump sum	1 S	1,200	\$ 1,200
5913	Safety	Safety signs	Annalee Munsey	Lump sum	1 \$	500	
5913	Safety	Books & training videos	Annalee Munsey	Lump sum	2 S	500	
5913	Safety	Unified Fire Authorityhazmat permits	Matt Tietje	Lump sum	1 S	970	
5913 Total	<u> </u>				, ,		\$ 20,58
5914	Subscriptions & Publications	AWWA Standards	Annalee Munsey	Lump sum	1 S	600	
5914	Subscriptions & Publications	National Safety Council Safety Magazine	Annalee Munsey	Lump sum	1 \$	260	
5914 Total			,		- 1		\$ 860
5916	Dues & Membership	Utah Water Users Association	Annalee Munsey	Lump sum	1 S	500	
5916	Dues & Membership	Utah Association of Special Districts	Annalee Munsey	Lump sum	1 S	11,672	
5916	Dues & Membership	Warehouse shopping accounts	Annalee Munsey	Lump sum	1 \$	200	
5916	Dues & Membership	Amazon business prime membership	Annalee Munsey	Lump sum	1 S	179	
5916	Dues & Membership	Partnership for Safe Water	Annalee Munsey	Lump sum	1 \$	1,800	
5916	Dues & Membership	National Safety Council	Annalee Munsey	Lump sum	1 S	450	
5916	Dues & Membership	Utah Safety Council	Annalee Munsey	Lump sum	1 S	225	
5916	Dues & Membership	AWWA District Membership	Annalee Munsey	Lump sum	1 \$	366	
5916	Dues & Membership	Intermountain Section AWWA partnership program	Annalee Munsey	Lump sum	1 S	1,900	
5916	Dues & Membership	Utah Water Conservation Forum	Annalee Munsey	Lump sum	0 S	300	
5916	Dues & Membership	Water ISAC	Annalee Munsey	Lump sum	1 \$	2,099	
5916	Dues & Membership	Water Research Foundation	Mike DeVries	Lump sum	1 \$	11.049	
5916 Total	Dues & Memorismp	water research Foundation	De viies	Lump sum	1 3		S 30,440
5917	Amortization Expense	Amortization of costs and reoffering premiums associated with bonds	Sonya Shepherd	Monthly	12 \$	(76,855)	5 50,111
5917 Total	amortization Expense	anorthadon of costs and reoriering premiums associated with bonds	Bonya Bnepheru	instituty	12; 5		\$ (922,265

Metropolit Fiscal Year OPERATI		Lake & Sandy			***************************************				************			***************************************	
Last Updat													
03/28/20	le:	T	1		1								1
05/20/20													
Account	Description	Actual FY 2017	Actual FY 2018	Actual FY 2019	3-Year Average (FY 2017-2019)	Budget FY 2020	Actual 12/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2020	Projected Spend to Budget over/(under) for FY 2020	Budget FY 2021	% Change from FY 2020 Budget
5110	Salary & Wage Exp.	761,974	732,540	772,137	755,550	834,387	399,318	47.86%	47.67%	835,973	1,586	903,337	8.26%
5120	Overtime Premium	79,956	81,005	87,779	82,913	80,323	46,013	57.28%	49.04%	86,947	6,624	80,323	0.00%
5170	On Call Pay	5,475	5,475	5,475	5,475	5,475	2,610	47.67%	48.22%	5,445	(30)	5,475	0.00%
5190	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	65,897	63,172	66,540	65,203	70,835	34,156	48.22%	48.47%	70,657	(178)	76,145	7.50%
	Salaries and Wages	913,302	882,192	931,931	909,141	991,020	482,097	48.65%		999,022	8,002	1,065,280	7.49%
5310	Retirement Plan	177,773	169,812	178,795	175,460	192,771	97,068	50.35%	50.42%	192,649	(122)	209,090	8.47%
5320	Medical Insurance Premiums	213,613	236,798	235,627	228,679	263,260	119,160	45.26%	47.13%	258,346	(4,914)	287,474	9.20%
5330	Tuition Aid Program	-	-	-	-	-		N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	7,130	6,889	6,996	7,005	7,735	3,542	45.80%	49.85%	7,422	(313)	7,830	1.22%
	Employee Benefits	398,516	413,499	421,418	411,144	463,766	219,770	47.39%		458,417	(5,349)	504,394	8.76%
5340	Meetings & Seminars	1,409	1,401	1,462	1,424	2,650	1,769	66.74%	37.02%	3,437	787	3,050	15.09%
	Employee Training	1,409	1,401	1,462	1,424	2,650	1,769	66.75%	,	3,437	787	3,050	15.09%
5410	Business Travel			935	312	2,700	1,832	67.84%	100.00%	1,832	(868)	3,000	11.11%
5430	Vehicle O & M	328	172	171	224	2,700	1,032	0.00%	14.30%	249	(41)	290	0.00%
	Transportation	328	172	1,106	536	2,990	1,832	61.27%	14.5070	2,081	(909)	3,290	10.03%
5510	Legal	320	1/2	1,100	330	2,770	1,032	N/A	0.00%	2,001	(505)	3,270	N/A
		-	-	<u>-</u>	-	<u>-</u>	-			-	-	-	
5520 5530	Accounting	216	-	-	72		-	N/A N/A	0.00%		-		N/A
	Contract Services	216	-	-	72	-	-			-	-	-	N/A
5540	Other	-	-	-	-		-	N/A	0.00%		-	-	N/A
	Professional Services	216	-	-	72	-	-	N/A		-	-	-	N/A
5610	Telephone	1,596	1,601	1,603	1,600	2,048	807	39.42%	49.97%	1,832	(216)	2,060	0.59%
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
	Utilities	1,596	1,601	1,603	1,600	2,048	807	39.40%		1,832	(216)	2,060	0.59%
5710	Buildings & Grounds	-	-	-	-		_	N/A	0.00%		-		N/A
5720	Machinery & Equipment	773	-	552	442	800	-	0.00%	0.00%	800	-	5,800	625.00%
	Repairs and Maintenance	773	-	552	442	800		0.00%		800	-	5,800	625.00%
5810	General Supplies	397	991	92	493	1,700	133	7.80%	2.69%	1,787	87	1,100	-35.29%
5820	Office Supplies	-	-	-	-	_	-	N/A	0.00%	_	-	_	N/A
5830	Materials	1,777	1,827	1,567	1,723	2,364	-	0.00%	18.20%	1,934	(430)	2,364	0.00%
5840	Chemicals	1,098,873	1,150,638	1,469,664	1,239,725	1,577,003	1,130,226	71.67%	60.59%	1,751,754	174,751	1,566,522	-0.66%
5850	Computer & Instr. Supplies	1,07.0,070	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-,,	1,202,7,20	-	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N/A	0.00%	.,,,,,,,,		.,,	N/A
	Chemicals and Supplies	1,101,047	1,153,456	1.471.323	1.241.941	1.581.067	1,130,359	71.49%	0.0070	1,755,475	174,408	1,569,986	-0.70%
5901	General Insurance	1,101,077	1,100,100	1,171,020	1,211,511	1,501,007	1,100,000	N/A	0.00%	2,700,770	171,100	1,505,500	N/A
5902	Administrative Fees	-	-		-		-	N/A N/A	0.00%		-		N/A N/A
5902		1	-		-		-	N/A N/A	0.00%		-		N/A N/A
	Water Stock Assessment	-	-	-	-		-			-	-	-	
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	2,079	1,837	1,812	1,909	2,090	1,688	80.76%	72.66%	2,259	169	2,264	8.33%
5913	Safety	1,427	1,137	2,767	1,777	2,469	656	26.58%	3.62%	3,036	567	3,399	37.67%
5914	Subscriptions & Publications	199	165	55	140	300	113	37.67%	86.89%	152	(148)	300	0.00%
5915	Outside Printing	-	-	-	-	-	-	N/A	0.00%	-	-	60	N/A
5916	Dues & Memberships	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5917	Amortization Exp.	-	-		-		-	N/A	0.00%		_		N/A
	Other Expenses	3,705	3,139	4,634	3,826	4,859	2,457	50.57%		5,447	588	6,023	23.96%
	Total Expenses	2,420,892	2,455,460	2,834,029	2,570,126	3,049,200	1,839,091	60.31%		3,226,511	177,311	3,159,883	3.63%
					ersonnel costs	1,594,414						1,590,209	-0.26%

Fiscal Vaar 2021 Car	neral Expenditures Worksheet					
Cost Center Name:				1	'	1
Last Update:						
03/28/20						ļ
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
	Salary and Wage Expense	Salary and wages (13 FTEs plus skill-based pay)	Pay Period	26	\$ 34,744	i
5110 Total	O. ci. B. ci.		D D 1	26	6 2,000	\$ 903,337
5120 5120 Total	Overtime Premium	Overtime premium	Pay Period	20	\$ 3,089	\$ 80,323 \$ 80,323
	On Call Pay	On Call Pay	Day	365	\$ 15	
5170 Total						\$ 5,475
5210 5210 Total	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	26	\$ 2,929	\$ 76,145 \$ 76,145
	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 8,042	
5310 Total						\$ 209,090
	Medical Insurance Premiums	Insurance premiums (Medical, Dental, Vision, and H.S.A. Contribution)	Monthly	12	\$ 23,956	
5320 Total 5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 652	\$ 287,474 \$ 7,830
5350 Total		,,g,				\$ 7,830
5340	Meetings & Seminars	Operator Certification Renewals	Each	11		\$ 1,650
5340 5340	Meetings & Seminars Meetings & Seminars	Operator Certification- new FTE Local Seminars	Each Lump sum	1		\$ 300 \$ 700
	Meetings & Seminars	Meeting refreshments	Lump sum			\$ 400
5340 Total	, and the second					\$ 3,050
	Business Travel	AWWA Intermountain Section	Each	1	\$ 1,500	\$ 1,500
	Business Travel Business Travel	UWUA AWWA Webinars	Each Lump sum	1	\$ 1,500 \$ -	\$ 1,500 \$ -
5410 Total			Europ sum			\$ 3,000
5430	Vehicle O&M	Mileage reimbursement	Miles	500	\$ 0.58	
5430 Total	Telephone	Callular Pharma (2)	34		\$ 55	\$ 290 \$ 660
5610 5610	Telephone Telephone	Cellular Phones (2) Mobile phone allowance (2)	Monthly Monthly	12		\$ 660 \$ 1,200
	Telephone	Allowance for cell phone replacement/parts	Lump sum	1		
5610 Total						\$ 2,060
	Machinery & Equipment	Equipment repairs	Lump sum	1		\$ 800 \$ 5,000
5720 Total	Machinery & Equipment	Filter Smart - filter backwash monitoring technology	Lump sum	1	\$ 5,000	\$ 5,800
	General Supplies	Chair replacement	Each	2	\$ 300	\$ 600
	General Supplies	Blinds for LCWTP control room	Each	1	\$ 500	\$ 500
5810 Total 5830	Materials	pH probes	Each	2	\$ 150	\$ 1,100 \$ 300
5830	Materials	Variable volume pipettor	Each	2		\$ 444
5830	Materials	DPD Chlorine Dispenser	Each	2		\$ 120
5830	Materials	Miscellaneous laboratory supplies	Lump sum	1	\$ 300	\$ 300
5830 5830	Materials Materials	Gloves Kimwipes	Lump sum Lump sum	1	\$ 600 \$ 200	\$ 600 \$ 200
	Materials	Supplies for filter inspections	Lump sum	1		\$ 400
5830 Total						\$ 2,364
	Chemicals	Aluminum Chlorohydrate (POMWTP)	Lbs.	528,035	\$ 0.299 \$ 0.790	\$ 157,882
5840 5840	Chemicals Chemicals	C 308P Cat-Floc (LCWTP) - totes C 308P Cat-Floc (POMWTP) - bulk	Lbs.	181,781 94,183	\$ 0.790 \$ 0.735	\$ 143,607 \$ 69,225
5840	Chemicals	A-6320 Anionic (POMWTP & LCWTP)) - totes	Lbs.	14,316		\$ 24,910
5840	Chemicals	Chlorine (LCWTP)	Lbs.	332,067	\$ 0.24950	\$ 82,851
5840 5840	Chemicals Chemicals	Ferric Chloride (LCWTP) Caustic Soda 50% (LCWTP)	Dry lbs. Dry lbs.	1,297,479 1,026,899	\$ 0.3600 \$ 0.2750	\$ 467,092 \$ 282,397
5840	Chemicals	Fluoride (LCWTP & POMWTP)	Wet. Lbs.	383,476	-	\$ 103,155
5840	Chemicals	Calcium Thiosulfate (LCWTP & POMWTP)	Load	-	\$ 12,276	\$ -
5840	Chemicals	Lime, Bulk (LCWTP)	Dry lbs.	269,220	\$ 0.087	\$ 23,422
5840 5840	Chemicals Chemicals	LOX (LCWTP & POMWTP) Sodium Thiosulfate (LCWTP)	1000FTS Drum	35,836	\$ 4.900 \$ 130	\$ 175,596 \$ -
5840	Chemicals	T-Chlor (LCWTP & POMWTP)	Drum	3,100	\$ 1.60	\$ 4,960
5840	Chemicals	Salt (POMWTP)	Tons	301	\$ 88.880	\$ 26,753
5840 5840	Chemicals Chemicals	Salt (TR FWR) DPD powder in glass bottles	Lbs. Each	33,057 6	\$ 0.098 \$ 52.300	\$ 3,223 \$ 314
5840	Chemicals	DPD powder in glass bottles DPD powder packets	Each	6		\$ 163
5840	Chemicals	pH Buffers	Lump sum	1		\$ 500
5841	Chemicals	Absorbic Acid Tablets	Each	2	\$ 236	
5840 Total 5911	Laundry	Uniforms	Lump sum	1	\$ 2,264	\$ 1,566,522 \$ 2,264
5911 Total	,,		Zamp sum		2,204	\$ 2,264
	Safety	Safety Shoes/ Boots	Each		\$ 125	\$ 1,625
5913 5913	Safety	Gloves (Neoprene, etc.)	Lump sum	1 2	-	\$ 300 \$ 400
5913	Safety Safety	Safety glasses (prescription) PVC boots	Each Each	3		\$ 400 \$ 210
5913	Safety	Acid bib overalls	Each	2	\$ 30	\$ 60
5913	Safety	Acid coveralls	Each	2		\$ 94
5913 5913	Safety Safety	Acid jacket Confined Space Monitor	Each Each	0		\$ 60 \$ -
5913	Safety	Confined Space Monitor Safety Harnesses	Each	1		\$ - \$ 150
5913	Safety	Safety Goggles/glasses	Lump sum	13	\$ 35	\$ 455
	Safety	PVC Suits (Chemical handling)	Each	0		\$ -
5913		Respirator Cartridges	Each	3	\$ 15	\$ 45
5913	Safety					\$ 3,300
5913 5913 Total	Subscriptions & Publications	Subscriptions and Publications	Lump sum		\$ 300	\$ 3,399 \$ 300
5913 5913 Total 5914 5914 Total			The state of the s	1	\$ 300	\$ 300 \$ 300

	tan Water District of Salt I	Lake & Sandy											
Fiscal Yea	r 2021 NANCE (23)												
Last Upda													
02/26/20													
											Projected		
									% of Total		Spend to		% Change
					3-Year			% of Total	Spent YTD	Projected	Budget		from
Account	Description	Actual FY 2017	Actual FY 2018	Actual FY 2019	Average (FY 2017-2019)	Budget FY 2020	Actual 12/31/2019	Spent YTD FY 2019	3-year average	Spend FY 2020	over/(under) for FY 2020	Budget FY 2021	FY 2020 Budget
5110	Salary & Wage Exp.	1,017,948	967,516	1,061,502	1,015,655	1,121,226	528,011	47.09%	48.69%	1,103,305	(17,921)	1,167,106	4.09%
5120	Overtime Premium	13,307	6,349	2,671	7,442	13,000	1,307	10.06%	15.18%	12,334	(666)	10,000	-23.08%
5170	On Call Pay	5,160	5,055	5,475	5,230	5,475	2,610	47.67%	47.80%	5,468	(7)	5,475	0.00%
5190	Other	-		-	-	,	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	81,682	75,758	83,170	80,203	87,955	40,962	46.57%	49.20%	85,644	(2,311)	91,265	3.76%
	Salaries and Wages	1,118,097	1,054,678	1,152,818	1,108,530	1,227,656	572,890	46.67%		1,206,751	(20,905)	1,273,846	3.76%
5310	Retirement Plan	206,058	190,146	211,794	202,666	220,978	109,248	49.44%	50.65%	218,307	(2,671)	230,563	4.34%
5320	Medical Insurance Premiums	372,106	359,889	375,914	369,303	414,631	162,887	39.28%	48.16%	377,844	(36,787)	400,472	-3.41%
5330	Tuition Aid Program	-	-	<u> </u>	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums Employee Benefits	11,669 589,833	10,952 560,987	10,744 598,452	11,122 583,091	12,444 648,053	5,248 277,383	42.17% 42.80%	51.38%	11,298 607,449	(1,146) (40,604)	12,526 643,561	0.66% -0.69%
5340	Meetings & Seminars	1,445	3,903	4,781	3,376	4,770	1,409	29.55%	50.16%	3,787	(983)	6,970	46.12%
3340	Employee Training	1,445	3,903	4,781	3,376	4,770	1,409	29.54%	30.1076	3,787	(983)	6,970	46.12%
5410	Business Travel		1,542	- 1,702	514		2,705	N/A	132.04%	-	(303)	-	N/A
5430	Vehicle O & M	436	428	361	408	696	267	38.36%	45.00%	650	(46)	696	0.00%
	Transportation	436	1,970	361	922	696	267	38.36%		650	(46)	696	0.00%
5510	Legal	-		-	-	,	-	N/A	0.00%	-	-	-	N/A
5520	Accounting	-	-	-	-	-		N/A	0.00%	_	-	_	N/A
5530	Contract Services	134,814	76,834	70,245	93,965	206,235	56,126	27.21%	59.14%	160,000	(46,235)	194,090	-5.89%
5540	Other	-	-		-	-		N/A	0.00%		-		N/A
	Professional Services	134,814	76,834	70,245	93,965	206,235	56,126	27.21%		160,000	(46,235)	194,090	-5.89%
5610	Telephone	1,955	1,480	1,440	1,625	1,440	720	50.00%	52.92%	1,398	(42)	1,440	0.00%
5620	Electricity	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5630 5640	Natural Gas Radio Communications	-	-	-	-	-	-	N/A N/A	0.00%	-	-	-	N/A N/A
5650	Water	-	-		-	-		N/A N/A	0.00%		-		N/A N/A
5050	Utilities	1,955	1,480	1,440	1,625	1,440	720	50.00%	0.0070	1,398	(42)	1,440	0.00%
5710	Buildings & Grounds	71,153	54,661	46,521	57,445	35,020	39,825	113.72%	75.83%	48,289	13,269	93,520	167.05%
5720	Machinery & Equipment	45,889	53,531	67,310	55,577	80,400	24,655	30.67%	50.02%	70,000	(10,400)	125,700	56.34%
	Repairs and Maintenance	117,042	108,192	113,831	113,022	115,420	64,480	55.87%		118,289	2,869	219,220	89.93%
5810	General Supplies	9,861	11,588	10,892	10,781	11,560	6,815	58.95%	53.16%	12,229	669	10,560	-8.65%
5820	Office Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5830	Materials	83,813	71,566	99,539	84,973	100,600	40,620	40.38%	41.94%	99,026	(1,574)	153,400	52.49%
5840	Chemicals and Supplies	5,436	8,354	4,950	6,247	3,600	-	0.00%	12.72%	3,142	(458)	3,900	8.33%
5850	Computer & Instr. Supplies Chemicals and Supplies	99,110	91,508	115,381	102.001	115,760	47,435	N/A 40.98%	0.00%	114.397	(1.363)	167,860	N/A 45.01%
5901	General Insurance	99,110	91,508	115,381	102,001	115,760	4/,435	40.98% N/A	0.00%	114,39/	(1,303)	167,860	45.01% N/A
5901	Administrative Fees	-	-	-	-	-		N/A N/A	0.00%		-		N/A N/A
5903	Water Stock Assessment				-			N/A	0.00%				N/A N/A
5904	Rent Exp.	4,451	2,107	14,330	6,963	22,250	15,946	71.67%	64.03%	23,948	1,698	3,950	-82.25%
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	4,929	3,740	4,446	4,372	5,500	3,082	56.04%	66.72%	4,913	(587)	5,500	0.00%
5913	Safety	11,893	11,969	8,710	10,858	5,953	3,415	57.36%	40.33%	6,967	1,014	7,521	26.34%
5914	Subscriptions & Publications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5915 5916	Outside Printing	560	1,680	400	880	2,515	300	N/A 11.93%	0.00% 72.35%	995	(1,520)	1,165	N/A -53.68%
5916	Dues & Memberships Amortization Exp.	360	1,080	400	880	2,313	300	11.93% N/A	0.00%	995	(1,320)	1,165	-53.68% N/A
3717	Other Expenses	21,833	19,940	27,886	23,221	36,218	22,743	62.79%	0.00%	36,823	605	18,136	-49.93%
	Total Expenses	2,084,565	1,919,492	2,085,195	2,029,753	2,356,248	1,043,453	44.28%		2,249,544	(106,704)	2,525,819	7.20%
				Excluding p	ersonnel costs	480,539						608,412	26.61%

	neral Expenditures Worksheet	1	1 1		İ	1
Cost Center Name: Last Update:	Maintenance (23)					
02/26/20						
02/20/20						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
	Salary and Wage Expense	Salary and wages (21 FTEs plus 1 Seasonal plus skill-based pay)	Pay Period	26	\$ 44,889	\$ 1,167,106
5110 Total					ı	\$ 1,167,106
	Overtime Premium	Overtime premium	Pay Period	26	\$ 385	
5120 Total			1		1.	\$ 10,000
	On Call Pay	On Call Pay	Daily	365	\$ 15	
5170 Total 5210	D. U.T.	E 1 P C CP II T	D D 1	26	\$ 3,510	\$ 5,475 \$ 91,265
5210 Total	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	20	\$ 3,510	\$ 91,265
	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 8,868	\$ 230,563
5310 Total	Technolic Tall	Cita (Cian remement Systems) Commonton and Employer Mater	Tuy Terrou	20	0,000	\$ 230,563
	Medical Insurance Premiums	Insurance premiums (Medical, Dental, Vision, and H.S.A. Contribution)	Monthly	12	\$ 33,373	
5320 Total						\$ 400,472
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 1,044	\$ 12,526
5350 Total						§ 12,526
5340	Meetings & Seminars	Backflow Prevention Seminar & Training	Each	2		\$ 200
5340	Meetings & Seminars	Utah APWA Fall Conference	Each	2		\$ 370
5340	Meetings & Seminars	Local Seminars	Each	5	\$ 200	\$ 1,000
5340	Meetings & Seminars	Boiler Operator Training	Each	2		\$ 1,150
5340	Meetings & Seminars	Refreshments for Maintenance sponsored coordination	Lump sum	1	\$ 1,000 \$ 350	\$ 1,000 \$ 250
5340 5340	Meetings & Seminars Meetings & Seminars	Backflow Certification (Cross Control Program Administer)	Each Each	l	\$ 350 \$ 200	\$ 350 \$ 200
5340	Meetings & Seminars Meetings & Seminars	UST operator Certification A/B Operator Certification Exams	Each Each	9		\$ 200 \$ 1,350
5340	Meetings & Seminars Meetings & Seminars	Operator Certification Renewals	Each		\$ 150	\$ 1,350 \$ 1,350
5340 Total		Continuation Action and	Zacii	,,	130	\$ 6,970
	Business Travel				s -	s -
5410 Total						s -
5430	Vehicle O & M	Mileage reimbursement	Miles	1200	\$ 0.58	\$ 696
5430 Total					,	\$ 696
5530	Contract Services	HVAC Equipment Service	Lump sum	1	\$ 26,000	\$ 26,000
5530	Contract Services	Generator Preventative Maintenance Service	Lump sum	1	\$ 15,475	\$ 15,475
5530	Contract Services	Painting Services (LCWTP - Ozone Tank #1)	Each	1	\$ 40,000	\$ 40,000
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		\$ 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	\$ 11,300 \$ 1,500	\$ 11,300 \$ 1,500
5530 5530	Contract Services Contract Services	Misc Contract Services (Geese Relocation, Waste Oil, Pump Sewer, etc.) Pump Repair	Lump sum Lump sum	1	\$ 1,500 \$ 6,100	\$ 1,500 \$ 6,100
5530	Contract Services Contract Services	Hazardous Waste Disposal	Lump sum	1	\$ 4,000	\$ 4,000
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	\$ 1,500	\$ 1,500
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	DOT Physical Exams	Each	9	\$ 65	\$ 585
5530	Contract Services	Tree Removal	Lump sum	1	\$ 5,000	\$ 5,000
5530	Contract Services	Ozone Valve Health Assessment - LCWTP	Lump sum	1	\$ 4,000	\$ 4,000
5530	Contract Services	HydroTest Rescue Cylinders	Each	10		\$ 400
5530	Contract Services	Landscape Service - Terminal Reservoir	Lump sum	1	\$ 20,500	\$ 20,500
5530	Contract Services	CDL Medical Exam	Each		\$ 65	\$ 325
5530 Total		N. 1.11 Ph. 1.11 (2)		10		\$ 194,090
5610 5610 Total	Telephone	Mobile Phone Allowances (3)	Monthly	12	\$ 120	\$ 1,440 \$ 1,440
	Buildings & Grounds	Painting Supplies	Lump cum	1	\$ 2,400	\$ 2,400
5710	Buildings & Grounds Buildings & Grounds	Salt (Water Softener, Ice Melt, etc.)	Lump sum Lump sum	1	\$ 2,400	\$ 2,400
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
	Buildings & Grounds	Asphalt Crack Sealing Compond	Lump sum	1	\$ 2,000	\$ 2,000
	Buildings & Grounds	Gravel/Landacape Rock/Wood Chip/Fencing Materials	Lump sum	1	\$ 9,000	\$ 9,000
	Buildings & Grounds	Cleaning of Drying Beds	Lump sum	1	Φ 05,000	\$ 65,000
	Buildings & Grounds	Hog Hollow Culvert - Repair	Lump sum	1	\$ 3,500	\$ 3,500
5710 Total	h		1 - 1			s 93,520
	Machinery & Equipment	Power Tools (Cordless Drill, Drill etc.)	Lump sum	1		\$ 2,000
5720	Machinery & Equipment	Hand Tools	Lump sum	1	\$ 3,000	\$ 3,000
5720 5720	Machinery & Equipment	Ozone corrosion inhibitor monitoring	Each	2	\$ 125 \$ 325	\$ 250 \$ 650
5720 5720	Machinery & Equipment Machinery & Equipment	Golf Cart Enclosure Pump, Drum	Each Each	1	\$ 325 \$ 1,200	\$ 650 \$ 1,200
5720	Machinery & Equipment Machinery & Equipment	Pump, Drum Pump, Sample	Each	2	\$ 1,200	\$ 1,200 \$ 3,600
5720	Machinery & Equipment Machinery & Equipment	Pumps, Submersible (Standard - Small)	Each	1	\$ 1,650	\$ 3,600 \$ 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	\$ 2,500	\$ 2,500
5720	Machinery & Equipment	Pipe & Valve - Projects	Lump sum	1	\$ 10,000	\$ 10,000
5720	Machinery & Equipment	Pipe & Valve - SLA Air Valves (4" & 6")	Lump sum	1	\$ 25,000	\$ 25,000
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		\$ 800
5720	Machinery & Equipment	Lawn Mower (walk behind)	Each	1	\$ 1,200	\$ 1,200

t Center Name:	Maintenance (23)					
t Update:	1					
26/20						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended An
5720	Machinery & Equipment	Golf Carts (1 Used, 1 New)	Each	2	\$ 8,500	\$ 17
5720	Machinery & Equipment	Two-stage snow blower	Each	1	\$ 3,000	\$ 3
5720	Machinery & Equipment	John Deere Tractor Tires	Lump sum	1	\$ 2,000	\$ 2
5720	Machinery & Equipment	Downsizing of Chlorine Feeder #7	Lump sum	1	-,	\$
5720	Machinery & Equipment	Water Softener - Maintenance Building	Lump sum	1	\$ 5,000	\$
5720	Machinery & Equipment	Equipment tires	Lump sum		\$ 2,000	\$
5720	Machinery & Equipment	Generator for TRK. #65 & 66	Each	2		\$
5720	Machinery & Equipment	Welding Rod Oven	Lump sum	1	\$ 2,000 \$ 3,750	\$
5720	Machinery & Equipment	Press Tool Kit for Copper Pipe	Lump sum			
5720 5720 Total	Machinery & Equipment	2" Backflow Assembly for Calcium Thiosulfate Area - LCWTP	Lump sum	1	\$ 1,700	
5720 Total 5810	Community Street	Institutial Paras Products	Lump sum	1	\$ 6,000	1
5810	General Supplies General Supplies	Janitorial - Paper Products			\$ 3,300	
5810		Janitorial - Cleaning Supplies Furniture	Lump sum		\$ 1,000	-
5810	General Supplies		Lump sum			
	General Supplies	Flags/Repairs	Lump sum	1	\$ 260	
5810 Total	he	T O F OF D SAME D T		,	2.500	S 1
5830	Materials	Hose Supplies (Fire, Peristaltic Pump Hose, etc.)	Lump sum	<u>1</u>	\$ 3,500	S
5830	Materials	Air System Parts	Lump sum	I		
5830	Materials	Chlorine Parts	Lump sum	I	\$ 23,050	\$ 2
5830	Materials	Polymer Feeder Parts	Lump sum	1	-	s s
5830	Materials	Pump, Parts	Lump sum	I	\$ 1,000	-
5830	Materials	Pipe, Tubing, Fittings & Valves	Lump sum		\$ 1,000	s
5830	Materials	Ozone Parts	Lump sum	1		S
5830	Materials	Fasteners	Lump sum	1		\$
5830	Materials	Oil Test Kits	Lump sum	1	\$ 2,000	S
5830	Materials	Welding Supplies	Lump sum	1	. ,	\$
5830	Materials	Irrigation Meter Parts	Lump sum	1	\$ 1,000	S
5830	Materials	Screen Rake Parts	Lump sum	1	\$ 500	\$
5830	Materials	V-belts, HVAC	Lump sum		\$ 1,000	\$
5830	Materials	Shop Stock Steel (aqueduct gate material)	Lump sum	1	,	\$
5830	Materials	Lubrication Supplies	Lump sum	1	Φ 2,000	\$
5830	Materials	HVAC Filters	Lump sum	1	\$ 5,300	\$
5830	Materials	Steam Traps & Parts	Lump sum		\$ 15,000	\$ 1
5830	Materials	Light Bulbs	Lump sum	1		\$
5830	Materials	Traveling Screen Parts	Lump sum	1	\$ 500	\$
5830	Materials	Golf Cart Maintenance (Tires, Batteries, Repairs, etc.)	Lump sum	1	\$ 2,000	\$
5830	Materials	Miscellaneous batteries	Lump sum	1	. ,	\$
5830	Materials	Dumping Fees	Lump sum	1		\$
5830	Materials	Concrete repair supplies	Lump sum	1	\$ 1,000	\$
5830	Materials	General Expendables (nuts, bolts, saw blades, tape, etc.)	Lump sum	1	\$ 10,500	\$ 1
5830	Materials	Backflow Preventer Repair Parts	Lump sum	1	\$ 500	\$
5830	Materials	Coag. Drive Packing Replacement	Lump sum	1	\$ 4,500	\$
5830	Materials	Ozone Repair & Spare Parts	Lump sum	1	\$ 33,600	\$ 3
5830	Materials	Replacement Carulite - Ozone Destruct	Lump sum	1	\$ 12,000	\$ 1
5830 Total						\$ 15
5840	Chemicals	Boiler chemicals	Lump sum	1	\$ 2,300	s
5840	Chemicals	Acid, cleaning	Lump sum	1	\$ 600	\$
5840	Chemicals	Scrubber - Sodium Hydroxide Disposal	Lump sum	1	\$ 1,000	\$
5840 Total						S
5904	Rent Expense	Track hoe	Each	3	\$ 1,150	s
5904	Rent Expense	Stump grinder	Each	2	\$ 250	\$
5904 Total						s
5911	Laundry	Uniforms/Coveralls	Lump sum	1	\$ 4,000	
5911	Laundry	Uniforms, New employee	Lump sum	1	\$ 1,000	s
5911	Laundry	Cleaning Supplies	Lump sum	1	\$ 500	\$
5911 Total						s
5913	Safety	Safety Shoes/Boots	Each	21	\$ 125	
5913	Safety	Safety Shoes/boots - Seasonal (Muck Boots)	Each		\$ 140	\$
5913	Safety	Rubber Boot Replacements	Each		\$ 38	
5913	Safety	Safety Glasses, Goggles (Perscriptive)	Each	5		s
5913	Safety	PPE (Personal Protective Equipment) - Miscellaneous	Lump sum	1		
5913	Safety	Hard Hats	Each	12		
5913	Safety	Rain Gear	Each		\$ 77	
5913	Safety	Barricades, Signs & Traffic Cones	Lump sum		\$ 1,000	
5913 Total	Journey	Sameaces, signs of frame cones	Lump sum	1	1,000	S
		Membership Renewals (Backflow Prevention - APWA)	Each		1	
5916	Dues & Membership			2	\$ 55	\$

Fiscal Yea			******************************						***********				***********
INFORM	ATION TECHNOLOGY (2	24)											
Last Upda	te:		,		·				,				
03/30/20													
Account	Description	Actual FY 2017	Actual FY 2018	Actual FY 2019	3-Year Average (FY 2017-2019)	Budget FY 2020	Actual 12/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2020	Projected Spend to Budget over/(under) for FY 2020	Budget FY 2021	% Change from FY 2020 Budget
5110	Salary & Wage Exp.	1,069,897	997,357	964,484	1,010,579	1,059,892	521,301	49.18%	49.29%	1,058,805	(1,087)	764,360	-27.88%
5120	Overtime Premium	1,915	2,895	6,112	3,641	2,711	2,808	103.59%	48.30%	4,210	1,499	-	-100.00%
5170	On Call Pay	5,475	5,475	5,535	5,495	5,475	3,570	65.21%	48.04%	6,415	940	9,125	66.67%
5190	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	82,344	77,181	74,373	77,966	82,167	40,429	49.20%	48.61%	82,652	485	59,428	-27.67%
	Salaries and Wages	1,159,631	1,082,908	1,050,504	1,097,681	1,150,245	568,108	49.39%		1,152,082	1,837	832,913	-27.59%
5310	Retirement Plan	223,088	209,710	201,652	211,483	222,232	111,877	50.34%	51.02%	220,729	(1,503)	156,014	-29.80%
5320	Medical Insurance Premiums	270,303	264,113	237,963	257,460	299,576	139,366	46.52%	47.86%	295,552	(4,024)	183,902	-38.61%
5330	Tuition Aid Program	-	-	_	_	-	-	N/A	0.00%	-	-	_	N/A
5350	Insurance Premiums	7,694	7,591	7,549	7,611	7,706	4,129	53.59%	49.65%	8,010	304	4,163	-45.97%
	Employee Benefits	501,085	481,414	447,164	476,554	529,514	255,372	48.23%		524,291	(5,223)	344,079	-35.02%
5340	Meetings & Seminars	5,876	17,698	2,522	8,699	17,532	5,271	30.06%	17.29%	17,532	-	16,510	-5.83%
	Employee Training	5,876	17,698	2,522	8,699	17,532	5,271	30.07%		17,532	-	16,510	-5.83%
5410	Business Travel	14,574	16,677	18,369	16,540	18,000	19,759	109.77%	44.69%	18,000		36,100	100.56%
5430	Vehicle O & M	1,151	919	530	867	725	19,739	83.42%	64.02%	866	141	725	0.00%
5 150	Transportation	15,725	17,596	18,899	17,407	18,725	20,364	108.75%	04.0276	18,866	141	36,825	96.66%
5510	Legal	13,723	17,390	10,099	17,407	10,723	20,304	108.73% N/A	0.00%	10,000	141	30,823	90.00% N/A
		-	-	-	-		-				-	-	
5520	Accounting	-	-		-			N/A	0.00%	-	-	-	N/A
5530	Contract Services	229,430	325,682	272,639	275,917	349,390	58,563	16.76%	21.01%	325,550	(23,840)	305,150	-12.66%
5540	Other	59,312	21,404	18,021	32,912	26,800	5,594	20.87%	11.87%	29,212	2,412	25,800	-3.73%
	Professional Services	288,742	347,086	290,660	308,829	376,190	64,157	17.05%		354,762	(21,428)	330,950	-12.03%
5610	Telephone	6,400	6,278	5,600	6,093	6,720	3,120	46.43%	50.77%	6,720	-	3,360	-50.00%
5620	Electricity	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5630	Natural Gas	-	-		-		-	N/A	0.00%		-	-	N/A
5640	Radio Communications	8,985	10,503	6,826	8,771	11,400	2,713	23.80%	41.34%	9,401	(1,999)	21,760	90.88%
5650	Water		-		_		_	N/A	0.00%		-	-	N/A
	Utilities	15,385	16,781	12,426	14,864	18,120	5,833	32.19%		16,121	(1,999)	25,120	38.63%
5710	Buildings & Grounds	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	-	-		-		-	N/A	0.00%		-	-	N/A
	Repairs and Maintenance			-	-	-		N/A		-	-	-	N/A
5810	General Supplies	5,075	5,313	6,314	5,567	5,300	5,547	104.66%	57.77%	7,785	2,485	650	-87.74%
5820	Office Supplies	-	-		-		-	N/A	0.00%		-		N/A
5830	Materials	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5840	Chemicals	13,007	13,462	12,515	12,995	14,960	10,276	68.69%	67.35%	15,161	201	-	-100.00%
5850	Computer & Instr. Supplies	115,989	117,475	105,067	112,844	105,830	60,956	57.60%	55.91%	112,844	7,014	110,047	3.98%
	Chemicals and Supplies	134,071	136,250	123,896	131,406	126,090	76,779	60.89%		135,790	9,700	110,697	-12.21%
5901	General Insurance	-	- 1		- 1	-	-	N/A	0.00%		-1	-	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
5905	Postage & Freight Exp.		-	-	-	-	-	N/A N/A	0.00%	-	-	-	N/A N/A
5906		-	-	-	-	<u>-</u>	-	N/A N/A	0.00%		-	-	N/A N/A
5907	Contributions & Events	-	-	-	-		-	N/A N/A	0.00%		-	-	N/A N/A
	Depreciation Expense	-	-	-	-		-				-	-	
5910	Interest Expense				-		,	N/A	0.00%		-	- 1,5	N/A
5911	Laundry	1,788	1,508	1,656	1,651	1,905	1,723	90.47%	67.59%	2,341	436	1,050	-44.88%
5913	Safety	3,065	1,523	1,127	1,905	4,303	1,236	28.73%	24.16%	4,500	197	1,375	-68.05%
5914	Subscriptions & Publications	13	77	-	30	379	-	0.00%	74.04%	98	(281)	400	5.54%
5915	Outside Printing	-	-	-	-		-	N/A	0.00%	-	-	-	N/A
5916	Dues & Memberships	750	750	-	500	1,000	-	0.00%	76.67%	233	(767)	1,000	0.00%
5917	Amortization Exp.	_	-		-		-	N/A	0.00%		-	-	N/A
	Other Expenses	5,616	3,858	2,783	4,086	7,587	2,959	39.00%	,	7,172	(415)	3,825	-49.58%
	Total Expenses	2,126,131	2,103,591	1,948,854	2,059,526	2,244,003	998,843	44.51%		2,226,616	(17,387)	1,700,919	-24.20%
				Excluding p	ersonnel costs	564,244						523,927	-7.15%

E: 11/ 2021 C	I. W. I. I.					
	neral Expenditures Worksheet Information Technology (24)		1	I	1	ĺ
Last Update:	Information Technology (24)					
03/30/20						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5110 5110 Table	Salary and Wage Expense	Salary and wages (7 FTEs plus skill-based pay)	Pay Period	26	\$ 29,398	•
5110 Total 5120	Overtime Premium	Overtime premium	Pay Period	26	s -	\$ 764,360 \$ -
5120 Total	Overtime Fremium	Overtime premium	1 ay 1 chou		13 -	s -
5170	On Call Pay	On Call Pay	Daily	365	\$ 25	\$ 9,125
5170 Total						\$ 9,125
5210	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	26	\$ 2,286	\$ 59,428
5210 Total	ı			ı	ı	\$ 59,428
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 6,001	
5310 Total 5320	Medical Insurance Premiums	Insurance assessions (Madical Dantal Vision and H.S.A. Contribution)	Monthly	12	\$ 15,325	\$ 156,014 \$ 183,902
5320 Total	Medicai insurance Fremiums	Insurance premiums (Medical, Dental, Vision, and H.S.A. Contribution)	Monuny	12	3 13,323	\$ 183,902
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 347	\$ 4,163
5350 Total						\$ 4,163
5340	Meetings & Seminars	Windows Server training	Each	1	,	\$ 3,100
5340	Meetings & Seminars	VMware vSphere online training	Each	1	\$ 4,350	\$ 4,350
5340 5340	Meetings & Seminars	Computer and network forensics	Each Each	5	\$ 724 \$ 300	\$ 3,620 \$ 300
5340	Meetings & Seminars Meetings & Seminars	On demand online technical training SaintConCyber Security conference and training	Each	6		\$ 2,400
5340	Meetings & Seminars Meetings & Seminars	BsidesCyber Security conference and training	Each	4		\$ 600
5340	Meetings & Seminars	OpenWestIT technical conference and training	Each	4	-	\$ 1,600
5340	Meetings & Seminars	Refreshments for IT meetings and training	Each	12	\$ 45	\$ 540
5340 Total			1	1	1.	\$ 16,510
5410	Business Travel	Systems Administrator - Windows Server Administration Training	Each	1	\$ 5,000	\$ 5,000
5410	Business Travel	IT Manager / IT Cybersecurity Project Manager - Network Cybersecurity Training	Each	2	\$ 9,500	\$ 19,000
5410	Business Travel	Systems Administrator - INL PCS Security Training	Each	2	,	\$ 2,400
5410	Business Travel	Senior Systems Administrator - Security Training	Each	1		\$ 6,500
5410	Business Travel	Water and Wastewater CIO Forum Conference and Training	Each	1	\$ 3,200	\$ 3,200
5410 Total 5430	Vehicle O&M	Mil	Miles	1250	\$ 0.58	\$ 36,100 \$ 725
5430 Total	Venicie O&M	Mileage reimbursement	Miles	1230	\$ 0.58	\$ 725
5530	Contract Services	AutoCAD renewal (1 full license)	Each	1	\$ 600	\$ 600
5530	Contract Services	Email and Office productivity Client Software renewal	Lump sum	1		\$ 10,500
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	\$ 9,450	\$ 9,450
5530		Maintenance renewal and additional licenses for the District's web filtering server	Lump sum	1	\$ 2,000 \$ 31,500	\$ 2,000
5530 5530	Contract Services Contract Services	Virtual machine Server software renewals and additional licenses Virtual machine client software renewals and additional licenses	Lump sum Lump sum	1	\$ 31,500 \$ 1,100	\$ 31,500 \$ 1,100
5550	Contract Services	Virtual machine server administration and data backup software renewals and	Lump sum	1	3 1,100	3 1,100
5530	Contract Services	additional licenses	Lump sum	1	\$ 23,000	\$ 23,000
5530	Contract Services	Remote administration software renewal	Lump sum	1	\$ 780	\$ 780
5530	Contract Services	Web development software renewal	Lump sum	1	,	\$ 2,400
5530	Contract Services	Cyber security analysis and intrusion detection software renewals PC/S human machine software interface (HMI) software licenses, renewals, and	Lump sum	1	\$ 4,140	\$ 4,140
5530	Contract Services	maintenance	Lump sum	1	\$ 49,500	\$ 49,500
5530	Contract Services	PC/S programmable logic controller (PLC) software licenses, renewals, and maintenance	Lump sum	1	\$ 12,000	\$ 12,000
5530	Contract Services	Enterprise Content Management (ECM)software renewal	Lump sum	1	- /	\$ 2,000
5530	Contract Services	Financial Information System (FIS) and Fixed Asset Software (FAS) renewal	Lump sum	1	\$ 4,200	\$ 4,200
5530	Contract Services	Laboratory Information Management System (LIMS) software renewal	Lump sum	1	\$ 22,000	\$ 22,000
5530	Contract Services	Laboratory Information Management System (LIMS) LIMS Link	Lump sum	1	\$ 500	\$ 500
5530	Contract Services	Enterprise Asset Management (EAM) software renewal	Lump sum	1		\$ 6,200
5530	Contract Services	New server operating system licenses Desktop PC operating system, server client access, and office software license	Lump sum	1	\$ 27,000	\$ 27,000
5530	Contract Services	renewals, upgrades, and purchases	Lump sum	1	\$ 1,600	\$ 1,600
5530	Contract Services	Computer programming software library	Lump sum	1	\$ 2,200	\$ 2,200
5530	Contract Services	GIS software licenses, renewals, and maintenance SmartNet maintenance and service renewal for Cisco equipment (PC/S switches,	Lump sum	1	\$ 6,500	\$ 6,500
		PC/S routers, Voice over Internet Protocol (VoIP), Security Control Systems (SCS)				
5530	Contract Services	network, etc.)	Lump sum	1	\$ 4,500	\$ 4,500
5530	Contract Services	Document management scanner hardware renewals	Lump sum	1	\$ 1,100	\$ 1,100
5530 5530	Contract Services	Document management systemsupport services Security System software renewal	Lump sum	1	\$ 4,000 \$ 5,000	\$ 4,000 \$ 5,000
5530	Contract Services Contract Services	Security System software renewal Security Camera software renewal	Lump sum Lump sum	1		\$ 5,000
5530	Contract Services	PC/S programming services	Each	160	,	\$ 20,800
5530	Contract Services	EAM implementation consulting, programming, and support services	Each	10		\$ 1,500
	Contract Samiles	Heating, Ventilation, and Air Conditioning (HVAC) control system maintenance			e	
5530 5530	Contract Services Contract Services	contracts and support Telephone system maintenance, ISP services, and Web hosting services	Each Lump sum	10	\$ 100 \$ 15,780	\$ 1,000 \$ 15,780
5530	Contract Services Contract Services	IT network hardware/software consulting, configuration, and security services	Lump sum	1		\$ 10,000
5530	Contract Services	Server, desktop, and laptop PCs maintenance and service renewals	Lump sum	1		\$ 10,000
5530	Contract Services	Electronics disposal/recycling services	Lump sum	1	\$ 600	\$ 600
5530	Contract Services	Copier maintenance contracts	Lump sum	1	\$ 4,900	\$ 4,900
5530 Total	Other	SCSistanon and annual control	P. d	100	e	\$ 305,150
5540	Other	SCS maintenance and support services Little Cottonwood Water Treatment Plant (LCWTP)SCS camera end of life	Each	120	\$ 150	\$ 18,000
5540	Other	replacements for operations and security	Each	2		\$ 6,000
5540	Other	LCWTPSCS camera monitor replacement	Lump sum	2	-	\$ 1,200
5540 5540 Total	Other	SCS controller battery replacements	Each	20	\$ 30	\$ 600 \$ 25,800
5610	Telephone	Mobile phone allowances (7)	Monthly	12	\$ 280	
5610 Total				12	. 200	\$ 3,360
	D. F. C.	Oquirrh Mountain repeater site lease fees and FCC frequency renewalsPC/S and			e	
5640 5640	Radio Communications Radio Communications	Voice radio systems Litch Communication Agency Natwork (LICAN) carriage	Monthly Quarterly	12		\$ 5,760 \$ 2,800
3040	reactio Communications	Utah Communication Agency Network (UCAN) services	Quarterry	4	, σ /00	∠,800

Cost Center Name:	Information Technology (24)					
Last Update:	34 3					
03/30/20						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5640	Radio Communications	District licensed voice radio equipment repairs and replacements	Lump sum	12	\$ 1,100	\$ 13,20
5640 Total						\$ 21,76
5810	General Supplies	Tools and equipment	Lump sum	1	\$ 650	\$ 65
5810 Total						\$ 65
5850	Computer & Instr. Supplies	Server racks/enclosures, network cables, and related equipment	Lump sum	1	\$ 4,550	\$ 4,550
5850	Computer & Instr. Supplies	Desktop Server3 end of life replacements	Each	1	\$ 3,000	\$ 3,00
5850	Computer & Instr. Supplies	Desktop Workstationreplacements	Each	5	\$ 800	\$ 4,000
5850	Computer & Instr. Supplies	Thin client computer- replacements	Each	10	\$ 230	\$ 2,300
5850	Computer & Instr. Supplies	Tablet computernew and replacements	Each	4	\$ 250	\$ 1,000
5850	Computer & Instr. Supplies	Laptop computerreplacement	Each	1	\$ 1,500	\$ 1,500
5850	Computer & Instr. Supplies	Desktop computer monitorsend of life replacements	Each	11	\$ 387	\$ 4,25
5850	Computer & Instr. Supplies	Server computer replacement parts and upgrades (memory, power supplies, network accessories, etcPC/S, Enterprise, and SCS)	Lump sum	1	\$ 13,810	\$ 13,810
5850	Computer & Instr. Supplies	Server computer replacement hard drives (PC/S, Enterprise, and SCS)	Lump sum	1	\$ 31,750	\$ 31,75
5850	Computer & Instr. Supplies	Desktop, laptop, and tablet computer replacement parts and upgrades (hard drives, memory, power supplies, accessories, etcPC/S, Enterprise, and SCS)	Lump sum	1	\$ 6,330	\$ 6,330
5850	Computer & Instr. Supplies	PC/S, Enterprise, and SCS network hardware and parts (new and replacements)	Lump sum	1	\$ 18,280	\$ 18,28
5850	Computer & Instr. Supplies	PC/S, Enterprise, and SCS network security equipment (new and replacements)	Lump sum	1	\$ 6,000	\$ 6,00
5850	Computer & Instr. Supplies	UPS equipment and batteries for PC/S and Enterprise servers	Each	12	\$ 20	\$ 24
5850	Computer & Instr. Supplies	PC/S and Enterprise network data backup system replacement equipment and parts	Lump sum	1	\$ 3,900	\$ 3,900
5850	Computer & Instr. Supplies	Printer equipment replacements	Lump sum	1	\$ 2,800	\$ 2,80
5850	Computer & Instr. Supplies	Phone system hardwarenew and replacement parts	Lump sum	1	\$ 6,330	\$ 6,33
5850 Total	_					\$ 110,04
5911	Laundry	Uniforms	Lump sum	1	\$ 1,050	\$ 1,05
5911 Total	_					\$ 1,05
5913	Safety	Safety shoes	Employee	7	\$ 125	\$ 87
5913	Safety	Personal protective equipment	Lump sum	1	\$ 500	\$ 50
5913 Total						S 1,37
5914	Subscriptions & Publications	Information Technology	Lump sum	1	\$ 400	\$ 40
5914 Total					_	\$ 40
5916	Dues & Membership	Association for Information Management	Each		\$ 250	\$ 25
5916	Dues & Membership	Water and Wastewater CIO Forum	Each	1	\$ 750	\$ 75
5916 Total						S 1.00

Fiscal Year		Lake & Sandy										***************************************	
ENGINEE													
Last Upda	te:				([4		·
02/05/20													
Account	Description	Actual FY 2017	Actual FY 2018	Actual FY 2019	3-Year Average (FY 2017-2019)	Budget FY 2020	Actual 12/31/2019	% of Total Spent YTD FY 2019	% of Total Spent YTD 3-year average	Projected Spend FY 2020	Projected Spend to Budget over/(under) for FY 2020	Budget FY 2021	% Change from FY 2020 Budget
5110	Salary & Wage Exp.	442,527	569,120	558,795	523,481	644,701	309,222	47.96%	46.04%	548,011	(96,690)	670,906	4.06%
5120	Overtime Premium	-	692	204	299	1,500	105	6.98%	59.90%	706	(794)	1,000	-33.33%
5170	On Call Pay	315	420	-	245	-	-	N/A	57.14%	-	-	-	N/A
5190	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	33,939	44,257	41,948	40,048	48,594	23,441	48.24%	46.71%	49,335	741	50,327	3.57%
	Salaries and Wages	476,781	614,489	600,947	564,073	694,795	332,768	47.89%		598,052	(96,743)	722,233	3.95%
5310	Retirement Plan	90,328	123,195	118,578	110,700	136,600	68,741	50.32%	48.86%	138,592	1,992	141,703	3.74%
5320	Medical Insurance Premiums	104,002	168,605	162,388	144,998	200,926	90,821	45.20%	46.38%	198,556	(2,370)	206,053	2.55%
5330	Tuition Aid Program	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	2,902	4,480	4,141	3,841	4,796	2,561	53.40%	46.83%	5,111	315	4,840	0.92%
	Employee Benefits	197,232	296,280	285,107	259,539	342,322	162,123	47.36%		342,259	(63)	352,596	3.00%
5340	Meetings & Seminars	262	1,373	4,384	2,006	4,385	1,554	35.44%	73.60%	4,218	(167)	6,170	40.71%
	Employee Training	262	1,373	4,384	2,006	4,385	1,554	35.44%	73.0070	4,218	(167)	6,170	40.71%
5410	Business Travel	891	3,723	4,304	1,538	4,303	2,334	N/A	61.65%	7,210	(107)	1,500	N/A
5430	Vehicle O & M	1,478	945	203	1,338	174	51	29.33%	51.23%	136	(38)	1,500	-42.67%
	Transportation	2,369	4,668	203	2,414	174	51 51	29.33% 29.31%	31.23%	136	(38)	1,600	819.54%
		2,309	4,008	203	2,414	1/4	51		0.0	130	(38)	1,000	
5510	Legal	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5520	Accounting	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5530	Contract Services	123,599	79,937	202,178	135,238	182,800	53,279	29.15%	32.21%	161,350	(21,450)	370,300	102.57%
5540	Other	-	-		-		-	N/A	0.00%		-		N/A
	Professional Services	123,599	79,937	202,178	135,238	182,800	53,279	29.15%		161,350	(21,450)	370,300	102.57%
5610	Telephone	2,355	3,625	3,400	3,127	3,840	1,920	50.00%	47.39%	3,940	100	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
	Utilities	2,355	3,625	3,400	3,127	3,840	1,920	50.00%		3,940	100	3,840	0.00%
5710	Buildings & Grounds	-	-	-	-	_	-	N/A	0.00%	-	-	-	N/A
5720	Machinery & Equipment	-	-	4,075	1,019			N/A	87.84%	-	-	1,600	N/A
	Repairs and Maintenance	-	-	4.075	1,019	-	-	N/A	0.10.11		-	1,600	N/A
5810	General Supplies	756	737	1,460	984	1,500	1,437	95.77%	16.11%	2,695	1,195	2,000	33.33%
5820	Office Supplies	750	737	1,400	704	1,500	1,437	N/A	0.00%	2,075	1,175	2,000	N/A
5830		145	1,610		585				14.36%		_		
5840	Materials	143	1,010		383		-	N/A N/A	0.00%		-		N/A
	Chemicals	-	-	-	-					-	-	-	N/A
5850	Computer & Instr. Supplies	901	2.347	1.460	1.569	1.500	1.437	N/A 95,80%	0.00%	2,695	1.195	2,000	N/A 33.33%
	Chemicals and Supplies	901	2,347	1,460	1,569	1,500	1,437			2,695	1,195	2,000	
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%	-	-	4,500	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	232	739	682	551	1,000	902	90.19%	84.24%	1,059	59	1,000	0.00%
5913	Safety	300	850	665	605	1,000	397	39.71%	0.00%	1,397	397	1,680	68.00%
5914	Subscriptions & Publications	-	439	98	179	500	-	0.00%	0.00%	500	371	500	0.00%
5915	Outside Printing	532	.57	281	271	1,200		0.00%	0.00%	1,200		1,200	0.00%
5916	Dues & Memberships	959	692	551	734	500	255	51.00%	59.26%	459	(41)	497	-0.60%
5917	Amortization Exp.	939	092	331	/34	500	233	51.00% N/A	0.00%	439	(41)	497	-0.00% N/A
	Other Expenses	2,453	2,720	2,277	2,483	5,200	1,554	29.88%	0.00%	5,615	415	10,377	99.56%
	Total Expenses	805,952	1,005,439	1,104,031	971,468	1,235,016	554,686	44.91%		1,118,265	(116,751)	1,470,716	19.08%
	1 otal Expenses	003,732	1,005,439	Excluding p		1,235,016	224,000	44.7170		1,110,205	(110,/31)	395,887	100.04%

	eneral Expenditures Worksheet	Ì	1	1	L	I
	Engineering (25)					
ast Update:						
2/05/20						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5110	Salary and Wage Expense	Salary and wages (8 FTEs)	Pay Period	26	\$ 25,804.06	
5110 Total	1			1		\$ 670,9
5120	Overtime Premium	Overtime premium	Pay Period	26	\$ 38	\$ 1,0
5120 Total	_					\$ 1,0
5210	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	26	\$ 1,936	\$ 50,3
5210 Total						\$ 50,3
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 5,450	\$ 141,7
5310 Total						\$ 141,7
5320	Medical Insurance Premiums	Insurance premiums (Medical, Dental, Vision, and H.S.A. Contribution)	Monthly	12	\$ 17,171	
5320 Total						\$ 206,0
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 403	
5350 Total	insurance From and	ribed, base the, bong rem bisaomy, etc.	Monuny		103	\$ 4,8
5340	Meetings & Seminars	Local Seminars	Lump sum	,	\$ 500	\$ 5
				1		
5340 5340	Meetings & Seminars	SLCC GIS Education Track	Each			
	Meetings & Seminars	Utah APWA Fall Conference	Each	2		
5340	Meetings & Seminars	PUWWMI Leadership Phase I Training	Each		\$ 499	\$ 4
5340	Meetings & Seminars	Backflow Recertification	Each		\$ 690	\$ 6
5340	Meetings & Seminars	Staking university	Each	2		\$ 1,4
5340	Meetings & Seminars	Backflow Prevention Seminar	Each		\$ 100	
5340	Meetings & Seminars	PE Exam	Each	1		\$ 4
5340	Meetings & Seminars	Operator Certification Exam	Each		\$ 150	\$ 3
5340	Meetings & Seminars	Operator Certification Renewals	Each	5	\$ 150	\$ 7
5340 Total						\$ 6,1
5410	Business Travel	IMS AWWA Fall Conference	Each	1	\$ 1,500	\$ 1,5
5410 Total		<u>'</u>				\$ 1,5
5430	Vehicle O&M	Mileage reimbursement	Miles	172	\$ 0.58	1
5430 Total	-					1
5530	Contract Services	Professional Services - Engineering	Lump sum	1	\$ 250,000	\$ 250,0
5530	Contract Services	Professional Services - Engineering Professional Services - Survey (ROW, Annexation/De-annexation)	Lump sum	1		\$ 100,0
5530	Contract Services	AppraisalsROW Encroachments		1		\$ 2,0
			Lump sum			
5530	Contract Services	Blue Stakes	Monthly	12		·
5530	Contract Services	Boss811 (Blue Stake ticket management)	Annual	1		\$ 2,0
5530	Contract Services	Fence Install (Alpine-Draper Tunnel Inlet)	Lineal Foot	625		\$ 12,5
5530	Contract Services	Graphic Design (ROW Newsletter)	Lump sum	1	\$ 500	\$ 5
5530 Total	1		1	ı		\$ 370,3
5610	Telephone	Mobile Phone Allowances (8)	Monthly	12	\$ 320	\$ 3,8
5610 Total	_					\$ 3,8
5720	Machinery & Equipment	Air Monitor (Aquduct Inspector)	Each	1	\$ 800	\$ 8
5720	Machinery & Equipment	Chlorine Test Kit (Aqueduct Inspector)	Each	1	\$ 800	\$ 8
5720 Total						\$ 1,6
5810	General Supplies	Aqueduct Inspector Supplies	Lump sum	1	\$ 2,500	
5810	Office Furniture	Office Furniture (Aqueduct Inspector's)	Lump sum	1	\$ 2,000	\$ 2,0
5810 Total	·			·	_,	s 2,0
5904	Rent Expense	Machine Rental (Excavator) - Road Maintenance	Lump sum	1	4500	4:
5904 Total	Expense		Zamp sunt	1	4500	s 4,5
5904 Total	Postage & Freight Expense	Licensing Program Mailers	Lump sum	,	\$ 1,000	
	rostage & Freight Expense	Licensing Program Maniers	Lump sum	1	3 1,000	\$ 1,0
5906 Total	I	L	1 -	l .		
5911	Laundry	Uniforms & Supplies	Lump sum	1	\$ 1,000	
5911 Total	L	1- 4			L	\$ 1,0
5913	Safety	Safety Shoes/Boots	Each		\$ 125	\$ 1,0
5913	Safety	Safety Glasses, Goggles (Perscription)	Each		\$ 200	\$ 4
5913	Safety	Safety Glasses, Goggles (Standard)	Each	8	\$ 35	
5913 Total						\$ 1,0
5914	Subscriptions & Publications	Subscriptions & Publications	Lump sum	1	\$ 500	\$
5914 Total						\$
5915	Outside Printing	Licensing Program Mailers	Lump sum	1	\$ 1,200	
5915 Total	, ,				-,200	S 1,2
5916	Dues & Membership	Professional Memberships	Lump sum	1	\$ 275	s 2
5916	Dues & Membership	PE Renewals	Each		\$ 74	
2710	Date & Memoriship	. D Actiowals	Lacii	1 3	- /4	s 4

	tan Water District of Salt I	Lake & Sandy											
Fiscal Yea	r 2021 IENTATION & ELECTRI	ICAL (26)											
Last Upda		ICAL (26)											
03/30/20	lic.												
											D		
									% of Total		Projected Spend to		% Change
					3-Year			% of Total	Spent YTD	Projected	Budget		from
		Actual	Actual	Actual	Average	Budget	Actual	Spent YTD	3-year	Spend	over/(under)	Budget	FY 2020
Account	Description	FY 2017	FY 2018	FY 2019	(FY 2017-2019)	FY 2020	12/31/2019	FY 2019	average	FY 2020	for FY 2020	FY 2021	Budget
5110	Salary & Wage Exp.	-	-		-	-		N/A	0.00%		-	565,424	N/A
5120	Overtime Premium	-	-		-	-	-	N/A	0.00%	-	-	5,000	N/A
5170	On Call Pay	-	-		-	-	-	N/A	0.00%	-	-	5,595	N/A
5190 5210	Other Payroll Taxes	-	-		-	-		N/A N/A	0.00%		-	44,358	N/A N/A
3210	Salaries and Wages	-	-	<u>.</u>	-1	-	<u>.</u>	N/A	0.00%	<u>.</u>	- 1	620,377	N/A
5310	Retirement Plan	1	-		- 1	-		N/A	0.00%		_	118,715	N/A
5320	Medical Insurance Premiums	-	-		-	-	-	N/A		-	-	170,841	N/A
5330	Tuition Aid Program	-	-	-		-	-	N/A		-	-	170,041	N/A
5350	Insurance Premiums							N/A				4,732	N/A
	Employee Benefits	-	-		-	-		N/A	0.0076			294,288	N/A
5340	Meetings & Seminars	I						N/A	0.00%			9,940	N/A
	Employee Training	-	-		·			N/A	0.0070			9,940	N/A
5410	Business Travel	_	-	_	_	-	_	N/A	0.00%	_	_		N/A
5430	Vehicle O & M	-	-	-	-	-	-	N/A		-	-	-	N/A
	Transportation	-	-	-		-	-	N/A		-	-	-	N/A
5510	Legal	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5520	Accounting	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5530	Contract Services	-	-	-	-	-	-	N/A	0.00%	-	-	77,000	N/A
5540	Other	-	-		-	-		N/A	0.00%		-	-	N/A
	Professional Services	-		-	-	-	_	N/A		_	-	77,000	N/A
5610	Telephone	-	-		-	-		N/A	0.00%		-	3,840	N/A
5620	Electricity	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5630	Natural Gas	-	-	-	-	-	-	N/A		-	-	-	N/A
5640	Radio Communications	-	-	-	-	-	-	N/A		-	-	-	N/A
5650	Water	-	-		-	-	-	N/A	0.00%		-	-	N/A
	Utilities		-	-		-	-	N/A		-	-	3,840	N/A
5710	Buildings & Grounds	-	-		-	-		N/A			-	-	N/A
5720	Machinery & Equipment	164,013	191,280	179,236	178,176	166,137	83,507	50.26%	36.41%	166,137	-	172,950	4.10%
	Repairs and Maintenance	164,013	191,280	179,236	178,176	166,137	83,507	50.26%		166,137	-	172,950	4.10%
5810	General Supplies	-	-		-	-	-	N/A		-	-	4,900	N/A
5820 5830	Office Supplies				52.141		- 15.614	N/A 28.40%	0.00% 30.64%		(1.000)		N/A 16.31%
5830	Materials Chemicals	51,283	50,526	54,615	52,141	54,982	15,614	28.40% N/A	0.00%	53,749	(1,233)	63,950 15,875	16.31% N/A
5850	Computer & Instr. Supplies	-	-		-	-		N/A N/A			-	13,873	N/A
3630	Chemicals and Supplies	51,283	50,526	54,615	52.141	54,982	15.614	28.40%	0.0076	53,749	(1,233)	84,725	54.10%
5901	General Insurance	31,203	30,320	34,013	32,141	54,702	15,014	N/A	0.00%	33,147	(1,233)	04,723	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		-	-	-	N/A
5905	Miscellaneous	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5906	Postage & Freight Exp.	-	-		-	-		N/A			-	-	N/A
5907	Contributions & Events	-	-		-	-		N/A			-	-	N/A
5909	Depreciation Expense	-	-		-			N/A	0.00%		-	-	N/A
5910	Interest Expense	-	-		-	-	-	N/A	0.00%	-	_	-	N/A
5911	Laundry	-	-	-	-	-		N/A	0.00%	-	-	1,200	N/A
5913	Safety	-	-	-	-	-	-	N/A	0.00%	-	-	3,890	N/A
5914	Subscriptions & Publications	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5915	Outside Printing	-	-	-	-	-	-	N/A		-	-	-	N/A
5916	Dues & Memberships	-	-		-	-		N/A			-		N/A
5917	Amortization Exp.	-	-		-	-		N/A	0.00%			-	N/A
	Other Expenses Total Expenses	215,296	241,806	233,851	230,317	221,119	99,121	N/A 44.83%		219.886	(1,233)	5,090 1,268,210	N/A 473.54%

	eneral Expenditures Worksheet Instrumentation & Electrical (26)		1	1	İ	1
Last Update:	instrumentation & Electrical (20)					
3/02/20						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5110	Salary and Wage Expense	Salary and wages (8 FTEs plus skill-based pay)	Pay Period	26	\$ 21,747	\$ 565,424
5110 Total						\$ 565,424
5120	Overtime Premium	Overtime premium	Pay Period	26	\$ 192	
5120 Total			1		ı	\$ 5,000
5170	On Call Pay	On Call Pay	Daily	365	\$ 15	
5170 Total	Daving II Tours	Employee Posting of Daywell Tours	Day Davis d	26	\$ 1,706	\$ 5,595 \$ 44,358
5210 5210 Total	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	20	\$ 1,706	\$ 44,358 \$ 44,358
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 4,566	ı
5310 Total	remement im	ene (can remember bystems) common and Employer Mater	ruy renou	20	1,500	\$ 118,715
5320	Medical Insurance Premiums	Insurance premiums (Medical, Dental, Vision, and H.S.A. Contribution)	Monthly	12	\$ 14,237	1
5320 Total			· · · · ·			\$ 170,841
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 394	\$ 4,732
5350 Total						\$ 4,732
5340	Meetings & Seminars	Arc flash	Each	6	, , , , , ,	
5340	Meetings & Seminars	Electrical code training	Each	2		\$ 3,400
5340	Meetings & Seminars	Refreshments for IS meetings and training	Lump sum	12	\$ 45	
5340 Total		Ozone system instrumentation and electrical equipment repair, calibration, and				\$ 9,940
5530	Contract Services	support services	Lump sum	1	\$ 9,000	\$ 9,000
5530	Contract Services	Instrumentation maintenance, consulting, communications, and support services	Lump sum	1	\$ 10,000	\$ 10,000
5530	Contract Services	Uninterruptible Power Supply (UPS) service contracts and maintenance	Lump sum	1	\$ 5,000	\$ 5,000
5530	Contract Services	Fire alarm system maintenance and support services	Lump sum	1	\$ 6,500	\$ 6,500
5530	Contract Services	Point of the Mountain Water Treatment Plant (POMWTP) Finished Water Pump Station (FWPS) variable frequency drivesemergency 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	\$ 14,500	\$ 14,500
5530	Contract Services	Cathodic protection HD survey (aqueducts and water treatment plants)	Lump sum	1		
5530 Total						\$ 77,000
5610	Telephone	Mobile phone allowances	Monthly	12	\$ 320	\$ 3,840
5610 Total						\$ 3,840
5720	Machinery & Equipment	Ozone system instrumentation and controls repairs and replacement parts	Lump sum	1	\$ 14,400	\$ 14,400
5720	Machinery & Equipment	Ozone generator dielectricsreplace 1088/year	Lump sum	1	\$ 49,900	\$ 49,900
5720	Machinery & Equipment	PC/S Programmable Logic Controller (PLC) replacement parts (plant PLCs, Remote Telemetry Units (RTUs), etc.)		1	\$ 12,500	\$ 12,500
5720	Machinery & Equipment	Temperature Probes	Lump sum Lump sum	1	\$ 1,350	\$ 1,350
5720	Machinery & Equipment	Turbisdimeter Parts, Repairs, Probes, Heads	Lump sum	1	\$ 12,200	\$ 12,200
5720	Machinery & Equipment	PH Meter Parts, Repairs	Lump sum	1	\$ 2,700	\$ 2,700
5720	Machinery & Equipment	Fluoride analyzer parts and repairs	Lump sum	1	\$ 2,500	\$ 2,500
5720	Machinery & Equipment	Chlorine analyzer parts and repairs	Lump sum	1	\$ 4,500	\$ 4,500
5720	Machinery & Equipment	Ultrasonic flow meter replacement probes and spare parts	Lump sum	1	\$ 5,000	\$ 5,000
5720	Machinery & Equipment	Actuator replacements, parts, repairs	Lump sum	1	15000	
5720	Machinery & Equipment	Water quality instrument replacement parts and calibration equipment	Lump sum	1	\$ 7,050	\$ 7,050
5720	Machinery & Equipment	POMWTP ultraviolet (UV) lamps POMWTP UV boards/ballasts, quartz tubes, instrumentation, and	Lump sum	1	\$ 6,200	\$ 6,200
5720	Machinery & Equipment	spectrophotometer replacement parts	Lump sum	1	\$ 9,000	\$ 9,000
5720	Machinery & Equipment	Headloss differential pressure meter replacements for LCWTP filters	Lump sum	1	\$ 9,400	\$ 9,400
5720	Machinery & Equipment	PC/S RTU equipment repairs and replacement parts	Lump sum	1	\$ 4,000	\$ 4,000
5720	Madiana 8 Engineers	PC/S controls replacement parts, repairs, and accessories (batteries, relays, power			6 17.250	6 17.250
5720 5720 Total	Machinery & Equipment	backup, and electrical controls components, etc.)	Lump sum	1	\$ 17,250	\$ 17,250 \$ 172,950
5810	General Supplies	Tools and equipment	Lump sum	1	\$ 4,900	
5810 Total	виррио	and equipment	Lump sum	· ·	,,,,,,,	\$ 4,900
5830	Materials	Electrical materials and supplies (conduit, parts, fuses, etc.)	Lump sum	1	\$ 4,200	
5830	Materials	Electrical motor replacements	Lump sum	1	\$ 7,500	
5830	Materials	Emergency lights and batteries (power outages, etc.)	Each	1	\$ 1,000.0	\$ 1,000
5830	Materials	LED light ballasts	Lump sum	1	\$ 5,100	\$ 5,100
5830	Materials	LED light fixtures	Lump sum	1	\$ 6,100	
5830	Materials	Building heater replacements	Each	1	\$ 1,250	\$ 1,250
5830	Materials	POMWTP surge protectors	Lump sum	1	\$ 7,000	
5830	Materials	Fuses for electrical gear	Lump sum	1	\$ 850	\$ 850
5830	Materials	UPS battery replacements for LCWTP and POMWTP systems	Lump sum	1	\$ 30,000	
5830 5830 Total	Materials	Small UPS replacements	Each	1	\$ 950	\$ 950 \$ 63,950
5840	Chemicals	Chlorine analyzer buffer & analyzer solutions	Each	220	\$ 55	\$ 12,100
2040	Chemions	Other instrumentation operating and calibration chemicals (ozone systems, TOC,	LdUII			
5840	Chemicals	turbidimeters, etc.)	Lump sum	1	\$ 3,775	
5840 Total	1					\$ 15,875
5911	Laundry	Uniforms	Lump sum	1	\$ 1,200	
5911 Total	1	1				\$ 1,200
5913	Safety	Safety shoes	Employee	8	\$ 125 \$ 700	\$ 1,000
5913 5913	Safety	Arc flash electrical safety tools	Lump sum	1	\$ 700	\$ 700
	Safety	Personal protective equipment	Lump sum	1	\$ 2,190	\$ 2,190

Metropoli	tan Water District of Salt I	Lake & Sandy											
Fiscal Yea	r 2021												
LAB (50)													
Last Upda 01/27/20	ite:												
01/2//20													
									0/ -6T-4-1		Projected		9/ Cl
					3-Year			% of Total	% of Total Spent YTD	Projected	Spend to Budget		% Change from
		Actual	Actual	Actual	Average	Budget	Actual	Spent YTD	3-year	Spend	over/(under)	Budget	FY 2020
Account	Description	FY 2017	FY 2018	FY 2019	(FY 2017-2019)	FY 2020	12/31/2019	FY 2019	average	FY 2020	for FY 2020	FY 2021	Budget
5110	Salary & Wage Exp.	385,996	390,672	398,850	391,839	435,084	178,547	41.04%	48.27%	403,625	(31,459)	448,179	3.01%
5120	Overtime Premium	1,904	1,200	1,650	1,585	1,482	73	4.93%	56.63%	716	(766)	1,482	0.00%
5170	On Call Pay	-	-	-	-	-	-	N/A	0.00%		-	-	N/A
5190	Other	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5210	Payroll Taxes	29,144	28,847	30,326	29,439	33,609	13,623	40.53%	49.10%	30,730	(2,879)	34,349	2.20%
	Salaries and Wages	417,044	420,719	430,826	422,863	470,175	192,243	40.89%		435,071	(35,104)	484,010	2.94%
5310	Retirement Plan	80,309	81,080	80,652	80,680	91,931	39,556	43.03%	49.95%	85,565	(6,366)	93,333	1.52%
5320	Medical Insurance Premiums	90,020	98,116	96,125	94,753	109,513	36,336	33.18%	47.63%	93,694	(15,819)	112,062	2.33%
5330	Tuition Aid Program	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5350	Insurance Premiums	3,254	3,215	3,267	3,246	3,510	1,381	39.33%	50.03%	3,135	(375)	3,522	0.35%
	Employee Benefits	173,583	182,411	180,044	178,679	204,954	77,273	37.70%		182,394	(22,560)	208,917	1.93%
5340	Meetings & Seminars	1,586	1,108	1,499	1,397	1,250	940	75.16%	62.53%	1,408	158	1,450	16.00%
	Employee Training	1,586	1,108	1,499	1,397	1,250	940	75.20%		1,408	158	1,450	16.00%
5410	Business Travel	3,392	4,118	3,637	3,716	7,000	3,996	57.08%	100.00%	3,996	(3,004)	7,000	0.00%
5430	Vehicle O & M Transportation	249 3,641	136 4,254	3,763	3,886	7,113	3,996	0.00% 56.18%	32.17%	4,073	(36)	7,113	0.00% 0.00%
5510		3,041	4,234	3,/03	3,880	/,113	3,990		0.000/	4,073	(3,040)	/,113	
5510 5520	Legal	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
5530	Accounting Contract Services	53,814	63,059	65,382	60,752	67,125	18,003	N/A 26.82%	39,46%	58,642	(8,483)	70,901	N/A 5.63%
5540	Other	33,814	63,039	03,382	00,732	67,123	18,003	20.82% N/A	0.00%	38,042	(8,483)	70,901	3.03% N/A
3340	Professional Services	53,814	63,059	65,382	60,752	67,125	18,003	26.82%	0.00%	58,642	(8,483)	70,901	5.63%
5610	Telephone Telephone	1,177	1,080	1,080	1,112	1,080	540	50.00%	50,57%	1,074	(6)	1,080	0.00%
5620	Electricity	1,177	1,080	1,000	1,112	1,000	340	30.00% N/A	0.00%	1,074	(0)	1,080	0.0076 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
	Utilities	1,177	1,080	1,080	1,112	1,080	540	50.00%	******	1,074	(6)	1,080	0.00%
5710	Buildings & Grounds	_	-	-		-	-	N/A	0.00%	-	-		N/A
5720	Machinery & Equipment	12,233	8,178	3,001	7,804	9,000	286	3.18%	42.52%	5,459	(3,541)	9,000	0.00%
	Repairs and Maintenance	12,233	8,178	3,001	7,804	9,000	286	3.18%		5,459	(3,541)	9,000	0.00%
5810	General Supplies	-	140	29	56	5,000	3,630	72.59%	10.66%	8,097	3,097	2,000	-60.00%
5820	Office Supplies	44	-	-	15	-	-	N/A	100.00%	-	-	-	N/A
5830	Materials	30,277	29,988	38,375	32,880	38,000	14,843	39.06%	43.88%	36,169	(1,831)	38,000	0.00%
5840	Chemicals	53,031	50,836	57,643	53,836	56,000	24,633	43.99%	58.41%	47,926	(8,074)	56,000	0.00%
5850	Computer & Instr. Supplies	-	-	-	-	-	-	N/A	0.00%	-	-	-	N/A
	Chemicals and Supplies	83,352	80,964	96,047	86,787	99,000	43,106	43.54%		92,192	(6,808)	96,000	-3.03%
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	1,043	835	1,096	991	1,300	725	55.79%	71.60%	1,094	(206)	1,300	0.00%
5913	Safety	778	1,157	370	768	1,600	572	35.78%	24.51%	1,780	180	1,750	9.38%
5914	Subscriptions & Publications	264	241	-	168	300	-	0.00%	60.75%	118	(182)	300	0.00%
5915	Outside Printing	-	-		-	-	-	N/A	0.00%	-	-	-	N/A
5916	Dues & Memberships	186	191	-	126	195	-	0.00%	126.53%	(52)	(247)	195	0.00%
5917	Amortization Exp.	2 271	2 (2)	1.40	2.054	3,395	1 207	N/A	0.00%	2.040	(455)	3,545	N/A 4.42%
	Other Expenses Total Expenses	2,271 748,701	2,424 764,197	783,108	2,054 765,334	863,092	1,297 337,684	38.20% 39.12%		2,940 783,253	(455) (79,839)	882,016	2.19%
	1 otal Expenses	/40,/01	/04,19/		ersonnel costs	187,963	337,084	37.1270		103,433	(12,039)	189,089	0.60%

st Center Name:	eneral Expenditures Worksheet		1		1	
	Lab (50)					
t Update:						
27/20						
Account Number	Account Name	Description	Units	Quantity	Unit Price	Extended Amount
5110	Salary and Wage Expense	Salary and wages (6 FTEs)	Pay Period	26	\$ 17,238	
5110 Total	la a sa a	lo a c	n n : 1	24		\$ 448,1
5120	Overtime Premium	Overtime premium	Pay Period	26	\$ 57	\$ 1,4
5120 Total	lp. 11.77	n 1 n 2 cn 11 n	n n : 1	24	e 1 221	\$ 1,4
5210	Payroll Taxes	Employer Portion of Payroll Taxes	Pay Period	26	\$ 1,321	
5210 Total	L		1			\$ 34,3
5310	Retirement Plan	URS (Utah Retirement Systems) Contribution and Employer Match	Pay Period	26	\$ 3,590	
5310 Total	L		1			\$ 93,
5320	Medical Insurance Premiums	Insurance premiums (Medical, Dental, Vision, and H.S.A. Contribution)	Monthly	12	\$ 9,338	\$ 112,
5320 Total	L	1	1			\$ 112,
5350	Insurance Premiums	AD&D, Basic Life, Long Term Disability, etc.	Monthly	12	\$ 294	
5350 Total	L	l	1 -			\$ 3,
5340	Meetings & Seminars	Local seminars	Lump sum		\$ 200	\$ 2
5340	Meetings & Seminars	Operator Certification Renewals	Each		\$ 150	\$ (
5340	Meetings & Seminars	Laboratory Certification Training Seminar	Each		\$ 100	\$
5340	Meetings & Seminars	Refreshments for Lab meetings	Lump sum	1	\$ 450	\$
5340 Total						\$ 1,
5410	Business Travel	AWWA WQTC	Each	1	\$ 2,500	\$ 2,5
5410	Business Travel	AWWA Intermountain Section	Each	1	\$ 1,500	\$ 1,:
5410	Business Travel	Laboratory instrument specific training	Each	1	\$ 3,000	\$ 3,0
5410 Total						\$ 7,0
5430	Vehicle O&M	Mileage Reimbursement	Miles	195	\$ 0.58	\$
5430 Total						S 1
5530	Contract Services	Laboratory Information Management System programming	Lump sum	1	\$ 10,000	\$ 10,0
5530	Contract Services	Gas Chromatograph Service Contract (THMs only)	Lump sum	1	\$ 4,523	\$ 4,
5530	Contract Services	Inductively Coupled/Mass Spectrometer Service Contract	Lump sum	1		\$ 14,4
5530	Contract Services	Total Organic Carbon Instrument Preventive Maintenance	Lump sum		\$ 2,000	\$ 2,0
5530	Contract Services	Hazardous waste chemical disposal	Lump sum		\$ 4,000	\$ 4,0
5530	Contract Services	Data loggers calibrations	Lump sum		\$ 312	\$
5530	Contract Services	Weights calibrations	Lump sum		\$ 1,400	\$ 1,4
5530	Contract Services	Thermometer calibration	Lump sum	1		\$ 1,
5530	Contract Services Contract Services	Laboratory certification	Lump sum		\$ 3,281	\$ 3,
5530	Contract Services				\$ 16,695	\$ 16,
		Giarda & Crypto monitoring	Lump sum			\$ 4,
5530	Contract Services	Laboratory audits	Lump sum			
5530	Contract Services	Pesticides	Lump sum		\$ 1,800	\$ 1,5
5530	Contract Services	Miscellaneous testing	Lump sum		\$ 1,000	\$ 1,
5530	Contract Services	Geosmin/MIB monitoring	Lump sum		\$ 1,000	\$ 1,0
5530	Contract Services	Lab consulting services	Lump sum	1	\$ 5,000	\$ 5,0
5530 Total	_					\$ 70,
5610	Telephone	Mobile Phone Allowances (2)	Monthly	12	\$ 90	\$ 1,0
5610 Total						\$ 1,
5720	Machinery & Equipment	Lab equipment repair & replacement	Lump sum		\$ 3,000	\$ 3,
5720	Machinery & Equipment	Pilot Plant equipment repair & replacement	Lump sum		\$ 3,000	\$ 3,
5720	Machinery & Equipment	Spare parts, equipment & instruments	Lump sum	1	\$ 3,000	\$ 3,
5720 Total						s 9,
5810	General Supplies	Chairs replacement & miscellanous items	Lump sum	1	\$ 2,000	\$ 2,
5810 Total						S 2,
5830	Materials	Laboratory materials	Lump sum	1	\$ 38,000	\$ 38,
5830 Total						\$ 38.
5840	Chemicals	Laboratory chemicals	Lump sum	1	\$ 56,000	
5840 Total						s 56
5911	Laundry	Uniforms	Lump sum	1.	\$ 1,300	\$ 1
5911 Total				•	. 2,500	s 1.
5913	Safety	Lab safety equipment	Lump sum	1	\$ 600	
5913	Safety	Safety shoes	Each		\$ 125	\$ \$
5913	Safety	Safety prescription glasses	Each	2	\$ 200	S
5913 Total		1	1 -			S 1
5914	Subscriptions & Publications	Laboratory reference materials	Lump sum	1	\$ 300	\$
						\$
5914 Total 5916	Dues & Membership	American Chemical Society	Lump sum		\$ 195	\$

METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY FY 2021 Provo River Water Users Association Budget Request

Last Updated: 3/9/2020 **Account No.:** 1852-10

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

Description	Units	Quantity	Unit Price	Ext	ended Amount
Safety of Dams repayment	shares	61,900	\$ 2.05	\$	126,895
Deer Creek Division construction repayment	shares	61,900	\$ 1.65	\$	102,135
Provo River Aqueduct (BOWR) repayment	lump sum	1	\$ 1,441,383.64	\$	1,441,384
PRWUA O&M assessment	shares	61,900	\$ 20.41	\$	1,263,379
PRWUA capital assessment	shares	61,900	\$ 4.50	\$	278,550
Provo River Aqueduct O&M by PRWUA	acre feet	26,071	\$ 11.07	\$	288,606
Deer Creek Intake Station O&M by PRWUA	lump sum	1	\$ 151,310.13	\$	151,310
Total				\$	3,652,259
PRWUA total per share assessmentsproposed	shares	61,900	\$ 28.61	\$	1,770,959
PRWUA total per share assessmentscurrent	shares	61,900	\$ 27.14	\$	1,679,966
		Percent increase	5.42%		
PRWUA total overall costsproposed	shares	61,900	\$ 59.00	\$	3,652,259
PRWUA total overall costscurrent	shares	61,900	\$ 53.07	\$	3,284,835
		Percent increase	11.19%		

Metropolitan Water District of Salt Lake & Sandy FY 2021 Capital Budget

Last Updated: February 4, 2020

ROUTINE NON-CAPACITY IMPROVEMENT PROJECTS

Administration Building Remodel		\$ 250,000
PC/S Hardware and Software Replacement Program		\$ 1,150,000
Fleet Replacement Program		\$ 212,000
Little Dell Dam Improvements		\$ 100,000
Repair and Replace		\$ 827,100
	Subtotal	\$ 2,539,100
CAPACITY IMPROVEMENT PROJECTS		
Aquifer Storage and Recovery (ASR)		\$ 75,000
OTHER CAPITAL IMPROVEMENT PROJECTS		
Jordan Aqueduct System and 150th South Pipeline		\$ 1,716,315
Central Utah Project (CUP) Capital		\$ 2,971,200
	Subtotal	\$ 4,687,515
TOTAL		\$ 7,301,615

Last Updated: 1/14/2020 **Account No.:** 1845-10

Department:E&MLocation:LCWTP Administration BuildingContact Name:Wayne WinsorRequest Type:Non-Capacity Improvement Project

Title: LCWTP Administration Building Remodel

Description: Construction cost to convert lunch room into two conference rooms.

Justification: The Administration Building Executive Conference Room was converted to

office space in 2019. To replace the conference room space, the lunch room will be converted into two conference rooms. A new kitchenette will be installed downstairs for staff. The District is also in need of providing space for nursing mothers. As part of the remodel, designs will incorporate a Mother's lounge on

the second floor of the Administration building.

Description	Quantity	Unit Price	Extended Amount
Construction	1	\$ 250,000	\$ 250,000
Total			\$ 250,000

Last Updated: 2/4/2020 **Account No.:** 1845(C)-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 was 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 replace PLC and associated equipment throughout the LCWTP and remote sites. This equipment communicates with treatment processes to assist operators in running the plant. Staff plan to utilize a

consultant to aid in the replacement effort.

Budget:

Description	Quantity	Unit Price	Extended Amount
Hardware and Programming	1	\$ 1,150,000	\$ 1,150,000
Total			\$ 1,150,000

Fiscal Year Summary: (multi-year projects)

		Proposed		
Spent	Current Budget	Budget (FY	Remaining	
(Prior to FY 2020)	(FY 2020)	2021)	(FY 2021-30)	Total Project
\$ -	\$ 130,000	\$ 1,150,000	\$ -	\$ 2,330,000

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

Last Updated:1/13/2020Account No.:1848-10Department:E&MLocation:LCWTP Site

Contact Name: Wayne Winsor Request Type: Non-Capacity Improvement Project

Title: Fleet Replacement Program

Description: Replace small dump truck, sample SUV, and AI service truck.

Justification: Vehicle #18, a 1999 Ford 1-Ton dump truck, has 20 years of service and has seen increased

maintenance costs over the past five years.

Vehicle #58, the 2014 Dodge Journey, has over 121,000 miles with increase maintenance

costs.

Vehicle #61, the 2016 Colorado was purchased to serve as an AI vehicle, however it does not

meet the needs and demands of that position. It is advantageous to surplus with

approximately 40,000 miles. Replacement is a long needed service truck.

Description	Quantity	Unit Price	Extended Amount
Vehicle 68 (Replaces 1999 Ford Dump Truck #18)	1	\$ 75,000	\$ 75,000
Vehicle 69 SUV (Replaces 2014 Dodge Journey #58)	1	\$ 32,000	\$ 32,000
Vehicle 70 Service Truck (Replaces 2016 Colorado #61)	1	\$ 105,000	\$ 105,000
Total			\$ 212,000

Last Updated: 1/13/2020 **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.

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

Last Updated:2/4/2020Account No.:MultipleDepartment:EngineeringLocation: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: Diaphragm pumps are used for anionic chemical feed at 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 POMWTP has 110 actuators, installed in 2005-2006. The encoders in the actuators are failing. The encoder tracks the position of the valve. The MX model actuators installed at the POMWTP are no longer supported by the manufacturer and replacement parts are not available. Encoder upgrade is available at 70% cost of a new actuator, but requires three times the labor to install. Staff desires to replace the filter and backwash actuators in FY2021, retaining the old actuators for spare parts. Additional actuators will need to be procured in future fiscal years as spare parts are depleted.

Radio and RTU equipment allows the District to communicate with and control remote sites. This equipment failed in FY2020. Although staff was able to revive the equipment for now, it is in need of full replacement. Staff will procure equipment and contract services to assist with installation.

The District's closed circuit television (CCTV) security system is 19 years old at LCWTP and 13 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.

District staff rely on six copy machines - five at LCWTP and one at POMWTP. These copiers have or are soon reaching their end of life. Staff anticipates replacing copiers in the lab and operations buildings in FY2021.

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 POMA Sandy Finished Water, POMWTP to 150th, and POMWTP to POMA ultrasonic flow meters.

The lab department requires replacement of the Gas Chromatograph / Mass Spectrometer (GC/MS) Auto Sampler and its associated Purge and Trap.

The District operates servers on multiple networks. 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.

Description	Quantity	Unit Price	Extended Amount
POMWTP anionic blend pump replacement (1807-10)	3	\$ 6,700	\$ 20,100
POMWTP actuator replacement (1807A-10)	30	\$ 8,000	\$ 240,000
Radio and RTU Replacement Project (1816-10)	1	\$ 150,000	\$ 150,000
CCTV Hardware Replacement (1845D-10)	1	\$ 124,000	\$ 124,000
Copy Machine Replacement (1813-10)	2	\$ 5,000	\$ 10,000
Flow meter replacement program (1849-10)	3	\$ 36,000	\$ 108,000
Lab equipment replacement (1847-10)	1	\$ 40,000	\$ 40,000
Annual network server replacement program (1818-10)	1	\$ 60,000	\$ 60,000
Miscellaneous repairs and replacements (1813-10)	1	\$ 75,000	\$ 75,000

Last Updated:3/28/2020Account No.:1365-10Department:EngineeringLocation:LCWTP

Contact Name: Wayne Winsor Request Type: Capacity Improvement Project

Title: Aquifer Storage and Recovery (ASR)

Description: Update 2009 ASR Implementation Plan

Justification: A plan was developed in 2009 for an Aquifer Storage and Recovery (ASR) System at the Little

Cottonwood Water Treatment Plant (LCWTP). The ASR plan was capable of recharging approximately 8,800 acre-feet of water every year using excess member cities and District water rights. In March 2018 the cost estimate for these improvements was updated. Discussions with member cities warrants an update to this study including a comprehensive review of member

cities groundwater facilities (extraction wells).

Budget:

Description	Quantity	Un	it Price	Extended Amo	unt
ASR Implementation Plan - comprehensive review & update	1	\$	75,000	\$ 75	5,000
Total				\$ 75	5,000

Fiscal Year Summary: (multi-year projects)

		Proposed		
Spent	Current Budget	Budget (FY	Remaining	
(Prior to FY 2020)	(FY 2020)	2021)	(FY 2022-26)	Total Project
\$ -	\$ -	\$ 75,000	\$ 15,126,000	\$ 15,201,000

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

Last Updated:4/20/2020Account No.:1599-10Department:EngineeringLocation: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 (JVWTP), and the JA Terminal Reservoir. MWDSLS is responsible for 50% of improvements associated to the 150th South

Pipeline. The MWDSLS portion is shown below.

Description	Quantity	Unit Price	Extended Amount
JA-1 Condition Assessment and Rehabilitation	1	\$ 171,429	\$ 171,429
JVWTP Washwater/Solids Handling Improvements	1	\$ 1,026,514	\$ 1,026,514
JVWTP Sed. Basin Mechanical Equipment Replacement	1	\$ 91,014	\$ 91,014
Microwave Communication Equipment Replacement	1	\$ 4,859	\$ 4,859
JA normal, extraordinary maintenance and replacement	1	\$ 98,571	\$ 98,571
JVWTP normal, extraordinary maintenance and replacement	1	\$ 206,214	\$ 206,214
TR normal, extraordinary maintenance and replacement	1	\$ 37,714	\$ 37,714
150th South normal, extraordinary maintenance and replacement	1	\$ 30,000	\$ 30,000
JVWCD project management expenses	1	\$ 50,000	\$ 50,000
Total			\$ 1,716,315

Last Updated:3/28/2020Account No.:1853-10Department:AdministrativeLocation:OtherContact Name:Mike DeVriesRequest 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.

Description		Units	Quantity	Unit Price	Extended Amount
CUP allotment payme	nt	acre feet	20,000	\$ 148.56	\$ 2,971,200
Total					\$ 2,971,200

Metropolitan Water District of Salt Lake & Sandy				
Fiscal Year 2021				
Revenue Projections				
Last Update: March 30, 2020				
*				
			Estimated	
	Fiscal Year 2020	Actuals as of	Actuals	Fiscal Year 2021
	Adopted Budget	12/31/2019	6/30/2020	Proposed Budget
Operating Revenues	1 5			1 8
Water Sales				
Salt Lake City	\$15,668,662	\$7,834,331	\$15,668,662	\$15,668,662
Sandy City	\$6,093,368	\$3,046,684	\$6,093,368	\$6,093,368
Jordanelle Special Service District (JSSD)	\$200,000	\$200,000	\$200,000	\$203,000
Raw water sales plus conveyance to non-member entities	\$220,696	\$144,998	\$211,312	\$323,966
Treatment charges and conveyance fees for non-member entities	\$609,451	\$207,423	\$319,053	\$626,943
Total Operating Revenues	\$22,792,177	\$11,433,436	\$22,492,395	\$22,915,939
Other Revenues				
Tax Revenues				
Salt Lake City	\$7,901,448	\$7,068,490	\$8,104,850	\$7,743,177
Sandy City	\$2,633,743	\$2,440,994	\$2,603,807	\$2,482,860
Fees in Lieu of Taxes	\$499,516	\$238,135	\$489,359	\$496,732
Prior Years' Tax Revenue	\$206,463	\$67,242	\$201,104	\$196,469
Subtotal Tax Revenues	\$11,241,170	\$9,814,861	\$11,399,120	\$10,919,239
Capital Assessments				
Salt Lake City	\$7,021,892	\$3,510,946	\$7,021,892	\$7,021,892
Sandy City	\$4,210,322	\$2,105,161	\$4,210,322	\$4,210,322
Sandy City Ontario Drain Tunnel Assessment (before credit)	\$1,019,799	\$509,900	\$1,019,799	\$1,024,874
Less: JSSD Revenue (see above)	\$200,000	\$200,000	\$200,000	\$203,000
Net Sandy City Ontario Drain Tunnel Assessment	\$819,799	\$309,900	\$819,799	\$821,874
Salt Lake City Central Utah Project Utah Lake System Assessment				\$844,223
Subtotal Assessment Revenues	\$12,052,013	\$5,926,007	\$12,052,013	\$12,898,311
Interest	\$614,160	\$588,015	\$1,005,558	\$904,835
Miscellaneous Revenue	\$95,904	\$29,202	\$57,846	\$83,789
Subtotal	\$710,064	\$617,217	\$1,063,404	\$988,624
m dod n	#24 002 24F	016.250.004	004.514.505	024.006.174
Total Other Revenues	\$24,003,247	\$16,358,084	\$24,514,537	\$24,806,174
Total Revenue	\$46,795,424	\$27,791,521	\$47,006,932	\$47,722,113

Metropolitan Water District of Salt Lake & Sandy			
Fiscal Year 2021			
Reserve Funds			
Last Update: March 30, 2020			
		Approved	Proposed
Description	Category type	FY 2020	FY 2021
Required Operations and Maintenance Reserve	Restricted	\$3,953,271	\$4,435,938
Required Capital Projects Reserve	Restricted	\$650,000	\$650,000
Jordan Aqueduct Reserve	Restricted	\$42,691	\$43,416
JVWTP O&M Reserve	Restricted	\$20,000	\$20,000
150th South Pipeline Agreement	Restricted	\$35,022	\$35,617
Capital Projects Reserve	Assigned	\$3,338,632	\$4,640,057
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	\$1,688,905	\$2,387,253
Unassigned Reserves	Unassigned	\$26,492,174	\$31,602,598
Totals		\$41,505,560	\$49,099,746
Metropolitan Water District of Salt Lake & Sandy			
Fiscal Year 2021			
Debt Service Coverage on Outstanding Bonds			
Last Update: April 3, 2019			
Budgeted O&M Expenses	\$37,763,056		
Less: Interest expense, depreciation, and amortization	\$18,037,458		
Adjusted O&M Expense	\$19,725,598		
Budgeted Revenues	\$47,722,113		
Less: adjusted O&M Expense	\$19,725,598		
Funds Available for Debt Service Payments	\$27,996,515		
Debt Service Payments	\$16,744,723		
Coverage (funds available/debt service payments)	1.67		
Minimum coverage required	1.15		

Metropolitan Water District of Salt Lake & Sandy		
Fee Schedule Fiscal Year 2021		
Last update: March 30, 2020		
Description	FY 2020 Approved	FY 2021 Proposed
Water charges to Member Cities		
Total treated water sales/conveyance revenue from member cities	\$21,762,030	\$21,762,030
To Salt Lake City (72% of total water sales based on period of record; amount not to exceed 65,000 af)	\$15,668,662	\$15,668,662
To Sandy City (28% of total water sales based on period of record; amount not to exceed 25,278 af)	\$6,093,368	\$6,093,368
To be billed monthly		
To Salt Lake City	\$1,305,722	\$1,305,722
To Sandy City	\$507,781	\$507,781
West and the second of the sec		
Water rates to non-member entities		22.1
Conveyance fee (per acre foot)	\$23	\$24
Untreated water (based on availability as determined by GM; per acre foot)	\$116	\$119
Treatment charge (per acre foot)	\$329	\$339
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
Licensing of Rights-of-Way		
	050	050
Temporary Use Agreement (MWDSLS fee title property only; per week)	\$50	\$50
New license agreement residential (approved existing improvements)	\$0 \$0*	\$0 \$0*
New license agreement residential (no existing improvements)	***	**
New license agreement (subdivisions, utilities, commercial developments, governmental entities)	\$1,500*	\$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		
GRAMA Request		
Copy Reproduction Fee (per copy; standard size; non-color)	\$0.25	\$0.25
Research Fee (hourlytime 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 V	Vater District o	of Salt Lake & S	Sandy										
	Projected Casl		Jan Lake &	Juliuj										
	Last Update: N													
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							Ехре							
			CIT	D Municipal & Inc	lustrial (M %-I) Su	otom	Operations &	Maintenance		CUD Utah Lak	æ System (ULS)		1	
	1	2	3	P Municipal & Inc	5	6	7	8	9	10	11	12	13	14
	-					v	,			10			10	
Fiscal Year Ending June 30	District Regular Operating Expenses	CUP M&I System OM&R Cost (\$/AF)	CUP M&I System OM&R Reserve Cost (\$/AF)	CUP M&I System Water O&M Cost	Total CUP M&I System Water Costs (including capital expenses)	CUP M&I System Water Volume (AF)	CUP M&I System Water Unit Cost (\$/AF)	CUP ULS OM&R Cost (\$/AF)	CUP ULS OM&R Reserve Cost (S/AF)	CUP ULS Water O&M Cost	Total CUP ULS Water Costs (including capital expenses)	CUP ULS Water Petition Repayment Volume (AF)	CUP ULS Water Unit Cost (\$/AF)	Total Operating Expenses
Escalation factor (inflation, growth, interest)	3.00%	6.27%						6.27%	11.69%					
2020 2021	\$ 15,013,082 \$ 16,588,753	\$ 14.29 \$ 15.15		\$ 800,000 \$ 1,000,000	\$ 3,771,200 \$ 3,971,200	20,000 20,000	\$ 188.56 \$ 198.56	\$ 15.15	\$ 34.85	\$ 155,000	\$ 999,223	3,100	\$ 322.33	\$ 15,813,082 \$ 17,743,753
2022	\$ 17,086,416	\$ 12.94	\$ 42.06	\$ 1,100,000	\$ 4,071,200	20,000	\$ 203.56	\$ 12.94	\$ 42.06	\$ 170,500	\$ 1,014,723	3,100	\$ 327.33	\$ 18,356,916
2023 2024		\$ 13.45 \$ 13.99			\$ 4,171,200 \$ 4,271,200	20,000 20,000	\$ 208.56 \$ 213.56	\$ 13.45 \$ 13.99	\$ 46.55 \$ 51.01	\$ 186,000 \$ 201,500		3,100 3,100	\$ 332.33 \$ 337.33	\$ 18,985,008 \$ 19,628,478
2025	\$ 18,670,787	\$ 14.55	\$ 55.45	\$ 1,400,000	\$ 4,371,200	20,000	\$ 218.56	\$ 14.55	\$ 55.45	\$ 217,000	\$ 1,061,223	3,100	\$ 342.33	\$ 20,287,787
2026 2027		\$ 15.13 \$ 16.08		\$ 1,500,000 \$ 1,659,000	\$ 4,471,200 \$ 4,630,200	20,000 20,000	\$ 223.56 \$ 231.51	\$ 15.13 \$ 16.08	\$ 59.87 \$ 66.87	\$ 232,500 \$ 257,145		3,100 3,100	\$ 347.33 \$ 355.28	\$ 20,963,411 \$ 21,723,983
2028	\$ 20,402,073	\$ 17.09	\$ 74.69	\$ 1,835,600	\$ 4,806,800	20,000	\$ 240.34	\$ 17.09	\$ 74.69	\$ 284,518	\$ 1,128,741	3,100	\$ 364.11	\$ 22,522,191
2029 2030		\$ 18.16 \$ 19.30			\$ 5,002,800 \$ 5,220,600	20,000 20,000	\$ 250.14 \$ 261.03	\$ 18.16 \$ 19.30				3,100 3,100	\$ 373.91 \$ 384.80	\$ 23,360,633 \$ 24,242,616
2031	\$ 22,293,896	\$ 20.51	\$ 104.06	\$ 2,491,400	\$ 5,462,600	20,000	\$ 273.13	\$ 20.51	\$ 104.06	\$ 697,592	\$ 2,295,040	5,600	\$ 409.83	\$ 25,482,888
2032 2033	\$ 22,962,713 \$ 23,651,594	\$ 21.80 \$ 23.17		\$ 2,760,400 \$ 3,059,600	\$ 5,731,600 \$ 6,030,800	20,000 20,000	\$ 286.58 \$ 301.54	\$ 21.80 \$ 23.17	\$ 116.22 \$ 129.81	\$ 772,912 \$ 856,688		5,600 5,600	\$ 423.28 \$ 438.24	\$ 26,496,025 \$ 27,567,882
2034	\$ 24,361,142	\$ 24.62	\$ 144.98	\$ 3,392,000	\$ 6,363,200	20,000	\$ 318.16	\$ 24.62	\$ 144.98	\$ 949,760	\$ 2,547,208	5,600	\$ 454.86	\$ 28,702,902
2035 2036		\$ 26.16 \$ 27.80			\$ 6,733,000 \$ 7,144,400	20,000 20,000	\$ 336.65 \$ 357.22	\$ 26.16 \$ 27.80		\$ 1,053,304 \$ 1,168,496		5,600 5,600	\$ 473.35 \$ 493.92	\$ 29,907,080 \$ 31,186,431
2037	\$ 26,620,077	\$ 29.54	\$ 202.00		\$ 7,602,000	20,000	\$ 380.10	\$ 29.54	\$ 202.00	\$ 1,296,624	\$ 2,894,072	5,600	\$ 516.80	\$ 32,547,501
2038 2039	\$ 27,418,679 \$ 28,241,239	\$ 31.39 \$ 33.36			\$ 8,111,200 \$ 8,678,000	20,000 20,000	\$ 405.56 \$ 433.90	\$ 31.39 \$ 33.36		\$ 1,439,200 \$ 1,597,904		5,600 5,600	\$ 542.26 \$ 570.60	\$ 33,997,879 \$ 35,545,943
2039		\$ 35.45			\$ 9,309,000	20,000	\$ 465.45					5,600	\$ 602.15	\$ 35,545,945
2041 2042	\$ 29,961,130 \$ 30,859,964	\$ 37.67 \$ 40.03	\$ 314.34 \$ 351.09		\$ 10,011,400 \$ 10,793,600	20,000 20,000	\$ 500.57 \$ 539.68	\$ 37.67 \$ 40.03	\$ 314.34 \$ 351.09	\$ 1,971,256 \$ 2,190,272		5,600 5,600	\$ 637.27 \$ 676.38	\$ 38,972,586 \$ 40,872,636
2042		\$ 40.03 \$ 42.54			\$ 11,664,600	20,000	\$ 583.23	\$ 40.03 \$ 42.54				5,600	\$ 719.93	\$ 40,872,636 \$ 42,913,315
2044 2045		\$ 45.21	\$ 437.97 \$ 489.17		\$ 12,634,800	20,000 20,000	\$ 631.74	\$ 45.21 \$ 48.04		\$ 2,705,808		5,600 5,600	\$ 768.44	\$ 45,108,744
2045		\$ 48.04 \$ 51.05			\$ 13,121,160 \$ 13,730,720	20,000	\$ 656.06 \$ 686.54			\$ 3,008,376 \$ 3,345,440		5,600	\$ 822.47 \$ 882.66	\$ 47,474,092 \$ 50,026,601
2047		\$ 54.25			\$ 14,477,880	20,000	\$ 723.89					5,600	\$ 949.73	\$ 52,785,588
2048 2049	\$ 36,848,411 \$ 37,953,863	\$ 57.65 \$ 61.26	\$ 681.55 \$ 761.22		\$ 15,378,240 \$ 16,449,600	20,000 20,000	\$ 768.91 \$ 822.48	\$ 57.65 \$ 61.26		\$ 4,139,520 \$ 4,605,888		5,600 5,600	\$ 1,024.46 \$ 1,107.74	\$ 55,771,931 \$ 59,009,351
2050	\$ 39,092,479	\$ 65.10	\$ 850.21	\$ 18,306,200	\$ 18,306,200	20,000	\$ 915.31	\$ 65.10	\$ 850.21	\$ 5,125,736	\$ 6,723,184	5,600	\$ 1,200.57	\$ 62,524,415
2051 2052		\$ 69.18 \$ 73.52	\$ 949.60 \$ 1,060.61	\$ 20,375,600 \$ 22,682,600	\$ 20,375,600 \$ 22,682,600	20,000 20,000	\$ 1,018.78 \$ 1,134.13	\$ 69.18 \$ 73.52		\$ 5,705,168 \$ 6,351,128	\$ 7,302,616 \$ 7,948,576	5,600 5,600	\$ 1,304.04 \$ 1,419.39	\$ 66,346,021 \$ 70,506,939
2053	\$ 42,717,407	\$ 78.13	\$ 1,184.60	\$ 25,254,600	\$ 25,254,600	20,000	\$ 1,262.73	\$ 78.13	\$ 1,184.60	\$ 7,071,288	\$ 8,668,736	5,600	\$ 1,547.99	\$ 75,043,295
2054 2055		\$ 83.03 \$ 88.24				20,000 20,000	\$ 1,406.11 \$ 1,565.99			\$ 7,874,216 \$ 8,769,544		5,600 5,600	\$ 1,691.37 \$ 1,851.25	
2056	\$ 46,678,464	\$ 93.77	\$ 1,650.50	\$ 34,885,400	\$ 34,885,400	20,000	\$ 1,744.27	\$ 93.77	\$ 1,650.50	\$ 9,767,912	\$ 11,365,360	5,600	\$ 2,029.53	\$ 91,331,776
2057 2058					\$ 38,861,800 \$ 43,296,800	20,000	\$ 1,943.09 \$ 2,164.84			\$ 10,881,304 \$ 12,123,104		5,600 5,600	\$ 2,228.35 \$ 2,450.10	\$ 97,821,922 \$ 104,941,087
2059	\$ 51,006,818	\$ 112.54	\$ 2,299.63	\$ 48,243,400	\$ 48,243,400	20,000	\$ 2,412.17	\$ 112.54	\$ 2,299.63	\$ 13,508,152	\$ 15,105,600	5,600	\$ 2,697.43	\$ 112,758,370
2060 2061	\$ 52,537,023 \$ 54,113,134			\$ 53,761,200 \$ 59,916,200	\$ 53,761,200 \$ 59,916,200	20,000 20,000	\$ 2,688.06 \$ 2,995.81	\$ 119.60 \$ 127.10		\$ 15,053,136 \$ 16,776,536		5,600 5,600		\$ 121,351,359 \$ 130,805,870
2062	\$ 55,736,528	\$ 135.07	\$ 3,204.06	\$ 66,782,600	\$ 66,782,600	20,000	\$ 3,339.13	\$ 135.07	\$ 3,204.06	\$ 18,699,128	\$ 20,296,576	5,600	\$ 3,624.39	\$ 141,218,256
2063 2064	, , .	\$ 143.54 \$ 152.54			\$ 74,443,000 \$ 82,989,800	20,000 20,000	\$ 3,722.15 \$ 4,149.49			\$ 20,844,040 \$ 23,237,144	, , ,	5,600 5,600		\$ 152,695,664 \$ 165,357,827
2064	, ,				\$ 82,989,800 \$ 92,525,800	20,000	\$ 4,149.49 \$ 4,626.29					5,600	\$ 4,434./5 \$ 4,911.55	, ,
2066 2067		\$ 172.26 \$ 183.06			\$ 103,166,200 \$ 115,039,600	20,000 20,000	\$ 5,158.31 \$ 5,751.98			\$ 28,886,536 \$ 32,211,088		5,600 5,600	\$ 5,443.57 \$ 6,037.24	\$ 194,784,689 \$ 211,864,600
2067					\$ 115,039,600 \$ 128,289,400	20,000	\$ 5,751.98 \$ 6,414.47			\$ 35,921,032		5,600	\$ 6,699.73	\$ 230,762,761
2069					\$ 143,075,600 \$ 159,577,000	20,000 20,000	\$ 7,153.78 \$ 7,079.95	•				5,600		\$ 251,685,667 \$ 274,863,926
2070 2071	\$ 70,605,366	\$ 219.70 \$ 233.48			\$ 159,577,000 \$ 177,993,400	20,000	\$ 7,978.85 \$ 8,899.67	\$ 219.70 \$ 233.48		\$ 44,681,560 \$ 49,838,152		5,600 5,600		\$ 2/4,863,926
2072	\$ 74,905,233	\$ 248.12	\$ 9,679.27	\$ 198,547,800	\$ 198,547,800	20,000	\$ 9,927.39	\$ 248.12	\$ 9,679.27	\$ 55,593,384	\$ 55,593,384	5,600	\$ 9,927.39	\$ 329,046,417

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	•	Water District	of Salt Lake &	& Sandy							
	Projected Cas		•								
	Last Update:	March 30, 2020	D								
						Expenses					
						Debt Service					
	On	tario Drain Tunn	el								
	15	16	17	18	19	20	21	22	23	24	25
Fiscal Year Ending June 30 Escalation factor	Ontario Drain Tunnel Volume (AF)	Ontario Drain Tunnel Cost (\$/AF)	Ontario Drain Tunnel Water Cost	Synthetically Fixed \$58.8 M (2011A)	2012A	2012B	2015A	2016A	2019	Total Debt Payments	Debt Coverage Ratio
(inflation, growth, interest)	2,953										
2020	2,953										1.74
2021 2022	2,953 2,953	\$ 347.06 \$ 346.78	\$ 1,024,874 \$ 1,024,028	\$ 2,223,330 \$ 2,223,816		\$ 1,384,575 \$ 1,387,575	\$ 452,750 \$ 449,800	\$ 1,958,950 \$ 1,958,950	\$ 2,038,518 \$ 1,977,176		1.67 1.54
2023	2,953	\$ 351.72	\$ 1,038,620	\$ 2,223,816	\$ 9,664,000	\$ 787,325	\$ 449,000	\$ 1,958,950	\$ 1,981,824	\$ 17,064,915	1.74
2024	2,953	\$ 348.73	\$ 1,029,806	\$ 2,224,302			\$ 452,800	\$ 5,883,950	\$ 1,978,924		1.64
2025 2026	2,953 2,953	\$ 348.16 \$ 348.22	\$ 1,028,114 \$ 1,028,304	\$ 4,523,330 \$ 4,536,830			\$ 451,000 \$ 448,800	\$ 9,787,700 \$ 9,786,450	\$ 1,980,680 \$ 5,111,920		1.71 1.67
2027	2,953	\$ 359.23	\$ 1,060,800	\$ 4,546,062			\$ 451,200	\$ 9,965,200	\$ 5,119,972		1.64
2028	2,953	\$ 363.47	\$ 1,073,320	\$ 4,551,938	\$ -		\$ 448,000	\$ 10,000,675	\$ 4,913,552	\$ 19,914,165	1.56
2029	2,953	\$ 366.93	\$ 1,083,545	\$ 4,552,775			\$ 449,400	\$ 10,012,925	\$ 4,884,884		1.81
2030 2031	2,953 2,953	\$ 369.62 \$ 377.25	\$ 1,091,477 \$ 1,114,032	\$ 9,031,066 \$ 9,025,736			\$ 450,200 \$ 450,400	\$ 5,721,313 \$ 5,802,550	\$ 2,477,948 \$ 2,459,444		2.42 2.46
2032	2,953	\$ 377.23	ψ 1,114,032	\$ 9,025,455			\$ 450,000	\$ 3,002,330	\$ 5,279,908		2.81
2033	2,953			\$ 9,113,681	\$ -		\$ 449,000		\$ 5,281,644	\$ 14,844,325	2.75
2034	2,953			\$ 9,097,995 \$ 3,660,958			\$ 452,400		\$ 5,283,220 \$ 5,279,464		2.68
2035 2036	2,953 2,953			\$ 3,660,958 \$ 3,632,399	\$ - \$ -		\$ -		\$ 5,279,464 \$ 5,280,376	\$ 8,940,422 \$ 8,912,775	3.85 4.36
2037	2,953			- 5,052,577	\$ -				\$ 5,280,612		7.07
2038	2,953									\$ -	N/A
2039 2040	2,953 2,953			1						\$ - \$ -	N/A N/A
2040	2,953									\$ -	N/A N/A
2042	2,953									\$ -	N/A
2043	2,953									\$ -	N/A
2044 2045	2,953 2,953			-						\$ - \$ -	N/A N/A
2045	2,953			1						\$ -	N/A N/A
2047	2,953									\$ -	N/A
2048	2,953									\$ -	N/A
2049 2050	2,953 2,953			1						\$ - \$ -	N/A N/A
2050	2,953			1						\$ -	N/A N/A
2052	2,953									\$ -	N/A
2053	2,953									\$ -	N/A
2054 2055	2,953 2,953			1						\$ - \$ -	N/A N/A
2056	2,953			1						\$ -	N/A N/A
2057	2,953									\$ -	N/A
2058	2,953									\$ -	N/A
2059 2060	2,953 2,953			-						\$ - \$ -	N/A N/A
2061	2,953			1						\$ -	N/A
2062	2,953									\$ -	N/A
2063 2064	2,953 2,953			1						\$ - \$ -	N/A
2064	2,953			 						\$ - \$ -	N/A N/A
2066	2,953									\$ -	N/A
2067	2,953		<u> </u>							\$ -	N/A
2068 2069	2,953 2,953			1						\$ - \$ -	N/A N/A
2070	2,953									\$ - \$ -	N/A N/A
2071	2,953									\$ -	N/A
2072	2,953		-				·			\$ -	N/A
											
				•						•	

	3.0 114 X	V . D	ec u i	,								
	-		f Salt Lake & S	andy								
	Projected Cash											
	Last Update: N	1arch 30, 2020										
						Evn	maaa					
						Expo	enses					
						Provo River Pro	oject (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 (S/AF)
Escalation factor (inflation, growth, interest)					2.96%	3.66%	2.21%					
2020		\$ 102,135	\$ 1,241,526		\$ 1,450,936	\$ 231,245	\$ 132,098	\$ 3,284,835	61,900	100%	61,900	\$ 53.07
2021 2022	\$ 126,895 \$ 126,895	\$ 102,135 \$ 102,135	\$ 1,441,384 \$ 1,441,507		\$ 1,541,929 \$ 3,163,863	\$ 288,606 \$ 299,169	\$ 151,310 \$ 154,654	\$ 3,652,259 \$ 5,288,223	61,900 61,900	100% 100%	61,900 61,900	\$ 59.00 \$ 85.43
2023	\$ 126,895	\$ 102,135	\$ 1,441,167		\$ 3,210,855	\$ 310,119	\$ 158,072	\$ 5,349,243	61,900	100%	61,900	\$ 86.42
2024 2025	\$ 126,895		\$ 1,441,105 \$ 1,441,260		\$ 3,259,238 \$ 3,309,053	\$ 321,469 \$ 333,235	\$ 161,565 \$ 165,136	\$ 5,310,272 \$ 5,248,684	61,900 61,900	100% 100%	61,900 61,900	\$ 85.79 \$ 84.79
2026			\$ 1,440,796		\$ 3,360,343	\$ 345,431	\$ 168,786	\$ 5,315,356	61,900	100%	61,900	\$ 85.87
2027		-	\$ 1,441,229		\$ 3,413,151			\$ 5,384,970	61,900	100%	. ,	\$ 86.99
2028 2029			\$ 1,440,920 \$ 1,441,384		\$ 3,467,522 \$ 3,523,502	\$ 371,180 \$ 384,765	\$ 176,329 \$ 180,226	\$ 5,455,951 \$ 5,529,877	61,900 61,900	100% 100%	61,900 61,900	\$ 88.14 \$ 89.34
2030			\$ 1,441,755		\$ 3,581,139	\$ 398,847	\$ 184,209	\$ 5,605,950	61,900	100%	61,900	\$ 90.56
2031 2032			\$ 1,441,198 \$ 1,441,229		\$ 3,640,482 \$ 3,701,582	\$ 413,445 \$ 428,577	\$ 188,280 \$ 192,441	\$ 5,683,405 \$ 5,763,829	61,900 61,900	100% 100%	61,900 61,900	\$ 91.82 \$ 93.12
2032			\$ 1,440,982		\$ 3,764,491	\$ 444,263	\$ 196,694	\$ 5,846,430	61,900	100%	61,900	\$ 94.45
2034			\$ 1,441,167		\$ 3,829,262	\$ 460,523	\$ 201,041	\$ 5,931,993	61,900	100%	61,900	\$ 95.83
2035 2036			\$ 1,441,693 \$ 1,440,920		\$ 3,895,950 \$ 3,964,612	\$ 477,378 \$ 494,850	\$ 205,484 \$ 210,025	\$ 6,020,505 \$ 6,110,407	61,900 61,900	100% 100%	61,900 61,900	\$ 97.26 \$ 98.71
2037			2,110,500		\$ 4,035,306	\$ 512,962	\$ 214,667	\$ 4,762,935	61,900	100%	61,900	\$ 76.95
2038 2039					\$ 4,108,093	\$ 531,736	\$ 219,411		61,900	100%	61,900	\$ 78.50
2039					\$ 4,183,034 \$ 4,260,194	\$ 551,198 \$ 571,372	\$ 224,260 \$ 229,216	\$ 4,958,492 \$ 5,060,782	61,900 61,900	100% 100%	61,900 61,900	\$ 80.10 \$ 81.76
2041					\$ 4,339,637	\$ 592,284	\$ 234,282	\$ 5,166,203	61,900	100%	61,900	\$ 83.46
2042 2043					\$ 4,421,432 \$ 4,505,648	\$ 613,962 \$ 636,433	\$ 239,460 \$ 244,752	\$ 5,274,854 \$ 5,386,833	61,900 61,900	100% 100%	61,900 61,900	\$ 85.22 \$ 87.02
2043					\$ 4,505,648 \$ 4,592,357	\$ 659,726	\$ 244,752 \$ 250,161	\$ 5,386,833 \$ 5,502,244	61,900	100%	61,900	\$ 88.89
2045					\$ 4,681,632	\$ 683,872	\$ 255,690	\$ 5,621,194	61,900	100%	61,900	\$ 90.81
2046 2047					\$ 4,773,550 \$ 3,291,896	\$ 708,902 \$ 734,848	\$ 261,341 \$ 267,117	\$ 5,743,793 \$ 4,293,861	61,900 61,900	100% 100%	61,900 61,900	\$ 92.79 \$ 69.37
2047					\$ 3,389,336	\$ 761,743	\$ 267,117		61,900	100%	61,900	\$ 69.37
2049					\$ 3,489,660	\$ 789,623	\$ 279,054	\$ 4,558,337	61,900	100%	61,900	\$ 73.64
2050 2051					\$ 3,592,954 \$ 3,699,305	\$ 818,523 \$ 848,481	\$ 285,221 \$ 291,524	\$ 4,696,698 \$ 4,839,310	61,900 61,900	100% 100%	61,900 61,900	\$ 75.88 \$ 78.18
2052					\$ 3,808,804	\$ 879,535	\$ 297,967	\$ 4,986,306	61,900	100%	61,900	\$ 80.55
2053					\$ 3,921,545		\$ 304,552	\$ 5,137,823	61,900	100%	61,900	\$ 83.00
2054 2055					\$ 4,037,623 \$ 4,157,137		\$ 311,283 \$ 318,162		61,900 61,900	100% 100%	61,900 61,900	\$ 85.53 \$ 88.13
2056					\$ 4,280,188	\$ 1,015,541	\$ 325,193		61,900	100%	61,900	\$ 90.81
2057					\$ 4,406,882	\$ 1,052,710	\$ 332,380		61,900	100%	61,900	
2058 2059					\$ 4,537,326 \$ 4,671,631		\$ 339,726 \$ 347,234		61,900 61,900	100% 100%	. /	\$ 96.42 \$ 99.35
2060					\$ 4,809,911	\$ 1,172,579	\$ 354,908	\$ 6,337,398	61,900	100%	61,900	
2061					\$ 4,952,284		\$ 362,751		61,900	100%		\$ 105.50
2062 2063					\$ 5,098,872 \$ 5,249,799		\$ 370,768 \$ 378,962		61,900 61,900	100% 100%	61,900 61,900	\$ 108.72 \$ 112.03
2064					\$ 5,405,193	\$ 1,353,900	\$ 387,337	\$ 7,146,430	61,900	100%	61,900	\$ 115.45
2065					\$ 5,565,187		\$ 395,897	\$ 7,364,537	61,900	100%	. ,	\$ 118.97
2066 2067					\$ 5,729,917 \$ 5,899,523		\$ 404,646 \$ 413,589		61,900 61,900	100% 100%	61,900 61,900	\$ 122.61 \$ 126.35
2068					\$ 6,074,149	\$ 1,563,260	\$ 422,729	\$ 8,060,138	61,900	100%	61,900	\$ 130.21
2069 2070					\$ 6,253,944 \$ 6,439,061		\$ 432,071 \$ 441,620		61,900	100% 100%		\$ 134.19 \$ 138.20
2070					\$ 6,439,061 \$ 6,629,657		\$ 441,620 \$ 451,380		61,900 61,900	100%	61,900 61,900	\$ 138.30 \$ 142.53
2072					\$ 6,825,895		\$ 461,355		61,900	100%		\$ 146.89

	Metropolitan Wa	ter District of Salt	Lake & Sandy												
	Projected Cash F		Lake & Sandy												
	Last Update: Ma														
								Expenses							
				Co	ntral Utah Project (C	TIP)		Capital Expenditures							
	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
Fiscal Year Ending June 30	CUP M&I System Water Petition Repayment Volume (AF)	CUP M&I System Petition Repayment Unit Cost (\$/AF)	CUP M&I System Petition Repayment Total Cost	Salt Lake City CUP ULS Water Petition Repayment Volume (AF)	Salt Lake City CUP ULS Petition Repayment Unit Cost (\$/AF)	Salt Lake City CUP ULS Petition Repayment Total Cost	Sandy City CUP ULS Water Petition Repayment Volume (AF)	Sandy City CUP ULS Petition Repayment Unit Cost (S/AF)	Sandy City CUP ULS Petition Repayment Total Cost	CUP ULS Petition Repayment Total Cost	Non-Capacity Capital Expenditures	Capital Expenditures for Jordan Aqueduct System	New Capacity Capital Expenditures	Total Capital Expenditures	Total Expenses (i.e., Revenue Requirements) (Sum 14,24,33,51)
Escalation factor (inflation, growth, interest)												2.00%			
2020 2021	20,000			3100	272.33	\$ 844,223				\$ 844,223	\$ 1,967,200 \$ 2,539,100			4 0,100,001	
2022	20,000	\$ 148.56	\$ 2,971,200	3100	\$ 272.33	\$ 844,223				\$ 844,223	\$ 1,962,100	\$ 2,015,387	\$ 345,000	\$ 8,137,910	\$ 48,509,766
2023 2024	20,000 20,000			3100 3100		\$ 844,223 \$ 844,223				\$ 844,223 \$ 844,223					
2025	20,000	\$ 148.56	\$ 2,971,200	3100	\$ 272.33	\$ 844,223				\$ 844,223	\$ 2,449,600	\$ 988,785	\$ 8,638,000	\$ 15,891,808	\$ 61,284,239
2026 2027	20,000 20,000		\$ 2,971,200 \$ 2,971,200	3100 3100	\$ 272.33	\$ 844,223 \$ 844,223				\$ 844,223 \$ 844,223				\$ 14,600,283 \$ 18,382,661	
2028 2029	20,000 20,000			3100 3100		\$ 844,223 \$ 844,223				\$ 844,223 \$ 844,223				\$ 10,290,263 \$ 15,247,155	
2030	20,000	\$ 148.56	\$ 2,971,200	3100	\$ 272.33	\$ 844,223				\$ 844,223	\$ 14,446,060	\$ 3,655,603		\$ 21,917,086	\$ 69,446,178
2031 2032	20,000 20,000		\$ 2,971,200 \$ 2,971,200	3100 3100		\$ 844,223 \$ 844,223	2,500 2,500		\$ 753,225 \$ 753,225				\$ - \$ -	\$ 22,752,983 \$ 22,395,078	
2033	20,000	\$ 148.56	\$ 2,971,200	3100	\$ 272.33	\$ 844,223	2,500	\$ 301.29	\$ 753,225	\$ 1,597,448	\$ 13,879,560	\$ 2,605,968	\$ -	\$ 21,054,176	\$ 69,312,812
2034 2035	20,000 20,000			3100 3100		\$ 844,223 \$ 844,223	2,500 2,500							\$ 12,861,735 \$ 29,304,897	
2036	20,000	\$ 148.56	\$ 2,971,200	3100	\$ 272.33	\$ 844,223	2,500	\$ 301.29	\$ 753,225	\$ 1,597,448	\$ 22,412,000	\$ 2,765,474	\$ -	\$ 29,746,122	\$ 75,955,735
2037 2038	20,000 20,000			3100 3100		\$ 844,223 \$ 844,223	2,500 2,500							\$ 30,036,431 \$ 30,125,847	
2039 2040	20,000 20,000			3100			2,500 2,500								
2040	20,000			3100 3100		\$ 844,223 \$ 844,223	2,500								
2042 2043	20,000 20,000			3100 3100			2,500 2,500								
2044	20,000	\$ 148.56	\$ 2,971,200	3100	\$ 272.33	\$ 844,223	2,500	\$ 301.29	\$ 753,225	\$ 1,597,448	\$ 24,175,000	\$ 3,240,193	\$ -	\$ 31,983,841	\$ 82,594,829
2045 2046	16,000 12,000			3100 3100			2,500 2,500								
2047	8,000	\$ 148.56	\$ 1,188,480	3100	\$ 272.33	\$ 844,223	2,500	\$ 301.29	\$ 753,225	\$ 1,597,448	\$ 25,046,000	\$ 3,438,519	\$ -	\$ 31,270,447	\$ 88,349,896
2048 2049	4,000		\$ 594,240 \$ -	3100 3100		\$ 844,223 \$ 844,223	2,500 2,500							\$ 31,028,977 \$ 30,815,883	
2050	-		\$ -	3100	\$ 272.33	\$ 844,223	2,500	\$ 301.29	\$ 753,225	\$ 1,597,448	\$ 25,961,000	\$ 3,648,984	\$ -	\$ 31,207,432	\$ 98,428,545
2051 2052	-		\$ - \$ -	3100 3100		\$ 844,223 \$ 844,223	2,500 2,500		\$ 753,225 \$ 753,225			\$ 3,721,964 \$ 3,796,403		\$ 31,610,412 \$ 32,024,851	
2053	-	\$ -	\$ -	3100	\$ 272.33	\$ 844,223	2,500	\$ 301.29	\$ 753,225	\$ 1,597,448	\$ 26,981,000	\$ 3,872,331	\$ -	\$ 32,450,779	\$ 112,631,897
2054 2055	-		\$ - \$ -	3100 3100			2,500 2,500							\$ 32,888,226 \$ 18,602,221	
2056	-	\$ -	\$ -	3100	\$ 272.33	\$ 844,223	2,500	\$ 301.29	\$ 753,225	\$ 1,597,448	\$ 13,358,000	\$ 4,109,349	\$ -	\$ 19,064,797	\$ 116,017,495
2057 2058	-			3100 3100			2,500 2,500								
2059	-	\$ -	\$ -	3100	\$ 272.33	\$ 844,223	2,500	\$ 301.29	\$ 753,225	\$ 1,597,448	\$ 14,576,000	\$ 4,360,874	\$ -	\$ 20,534,322	\$ 139,442,735
2060 2061	-			3100 3100		\$ 844,223 \$ 844,223	2,500 2,500								
2062	-	\$ -	\$ -	3100	\$ 272.33	\$ 844,223	2,500	\$ 301.29	\$ 753,225	\$ 1,597,448	\$ 15,905,000	\$ 4,627,794	\$ -	\$ 22,130,242	\$ 170,078,120
2063 2064	-		•	3100 3100			2,500 2,500			, , , , ,		, , , , , , , , , , , , , , , , , , , ,		, , , , , , , , , , , , , , , ,	
2065	-	\$ -	\$ -	3100	\$ 272.33	\$ 844,223	2,500			\$ 1,597,448	\$ 17,358,000		\$ -	\$ 23,866,500	\$ 210,568,870
2066 2067	-			3100 3100			2,500 2,500								
2068 2069	-		•	3100 3100			2,500 2,500			, , , , , ,			'		. , , , , , , , , , , , , , , , , , , ,
2070	-			3100			2,500 2,500				\$ 20,085,000	\$ 5,422,198	\$ -	\$ 27,104,646	\$ 310,529,037
2071 2072	-										\$ 20,681,000 \$ 21,294,000				
2072	-	-	φ -								φ 21,29 4 ,000	φ 3,041,233	φ -	φ 20,933,233	φ 303,073,910
										1					
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	3.6 . 30 . 33		60 1/1 1 0	6 1						1
			of Salt Lake &	Sandy						
	Projected Cash									
	Last Update: M	Iarch 30, 202	0							
					D	OVODUOS				
					N	Revenues	Water Sales			
		Taxes				Wate	er Sales to Member	Cities		
	53	54	55	56	57	58	59	60	61	62
Fiscal Year Ending June 30 Escalation factor	Salt Lake City Taxes	Sandy City Taxes	Total MWDSLS Taxes	Total Water Sales to Member Cities (fixed rate)	Proposed Water Rate Increase	Water Sales to Salt Lake City (fixed rate)	Estimated Water Sales to Salt Lake City (AF)	Water Sales to Sandy City (fixed rate)	Estimated Water Sales to Sandy City (AF)	Total Water Sales Volume to Member Cities (AF)
(inflation, growth, interest)	0.00%	0.00%				72%		28%		
2020	\$ 8,430,878	\$ 2,810,293			3.0%		49,805		17620	67424
2021 2022	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810	\$ 10,919,239 \$ 10,919,239	\$ 21,762,030 \$ 22,414,891	3.0% 3.0%	\$ 15,668,662 \$ 16,138,722	50,329 50,853	\$ 6,093,368 \$ 6,276,169	17433 17246	67762 68099
2023	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 23,087,338	3.0%	\$ 16,622,883	51,377	\$ 6,464,455	17059	68436
2024	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 23,779,958	3.0%	\$ 17,121,570	51,901	\$ 6,658,388	16872	68773
2025 2026	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810	\$ 10,919,239 \$ 10,919,239	\$ 24,493,357 \$ 26,697,759	3.0% 9.0%	\$ 17,635,217 \$ 19,222,386	52,425 52,949	\$ 6,858,140 \$ 7,475,373	16685 16498	69110 69447
2026	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 29,100,557	9.0%	\$ 19,222,386	53,473	\$ 7,475,373 \$ 8,148,156	16312	69784
2028	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 32,883,629	13.0%	\$ 23,676,213	53,997	\$ 9,207,416	16125	70121
2029	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 38,802,682	18.0%	\$ 27,937,931	54,520	\$ 10,864,751	15938	70458
2030 2031	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810	\$ 10,919,239 \$ 10,919,239	\$ 46,563,218 \$ 47,960,115	20.0% 3.0%	\$ 33,525,517 \$ 34,531,283	55,044 55,568	\$ 13,037,701 \$ 13,428,832	15751 15564	70795 71132
2031	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 47,960,115	0.0%	\$ 34,531,283	56,092	\$ 13,428,832	15377	71132
2033	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 48,439,716	1.0%	\$ 34,876,596	56,616	\$ 13,563,120	15190	71807
2034	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 48,439,716	0.0%	\$ 34,876,596	57,140	\$ 13,563,120	15003	72144
2035 2036	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810	\$ 10,919,239 \$ 10,919,239	\$ 49,892,907 \$ 61,368,276	3.0% 23.0%	\$ 35,922,893 \$ 44,185,159	57,664 58,188	\$ 13,970,014 \$ 17,183,117	14816 14630	72481 72818
2037	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 61,368,276	0.0%	\$ 44,185,159	58,712	\$ 17,183,117	14443	73155
2038	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 61,368,276	0.0%	\$ 44,185,159	59,236	\$ 17,183,117	14256	73492
2039	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 61,368,276	0.0%	\$ 44,185,159	59,760	\$ 17,183,117	14069	73829
2040 2041	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810	\$ 10,919,239 \$ 10,919,239	\$ 61,368,276 \$ 61,368,276	0.0%	\$ 44,185,159 \$ 44,185,159	60,284 60,808	\$ 17,183,117 \$ 17,183,117	13882 13695	74166 74503
2042	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 61,368,276	0.0%	\$ 44,185,159	61,332	\$ 17,183,117	13508	74840
2043	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 61,368,276	0.0%	\$ 44,185,159	61,856	\$ 17,183,117	13321	75177
2044 2045	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810	\$ 10,919,239	\$ 62,595,642 \$ 71,984,988	2.0% 15.0%	\$ 45,068,862 \$ 51,829,191	62,380 62,904	\$ 17,526,780	13134 12948	75515
2045	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810	\$ 10,919,239 \$ 10,919,239	\$ 74,864,388	4.0%	\$ 53,902,359	63,428	\$ 20,155,797 \$ 20,962,029	12761	75852 76189
2047	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 75,613,032	1.0%	\$ 54,441,383	63,952	\$ 21,171,649	12574	76526
2048	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 78,637,553	4.0%	\$ 56,619,038	64,476	\$ 22,018,515	12387	76863
2049 2050	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810	\$ 10,919,239 \$ 10,919,239	\$ 80,996,680 \$ 83,426,580	3.0% 3.0%	\$ 58,317,610 \$ 60,067,138	65,000 65,000	\$ 22,679,070 \$ 23,359,442	12200 12200	77200 77200
2050	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 86,763,643	4.0%	\$ 62,469,823	65,000	\$ 23,339,442	12200	77200
2052	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 91,969,462	6.0%	\$ 66,218,013	65,000	\$ 25,751,449	12200	77200
2053	\$ 8,189,429	\$ 2,729,810		\$ 97,487,630	6.0%	\$ 70,191,094	65,000	\$ 27,296,536	12200	77200
2054 2055	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810			5.0%	\$ 73,700,649 \$ 73,700,649	65,000 65,000	\$ 28,661,363 \$ 28,661,363	12200 12200	77200 77200
2056	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810			0.0%	\$ 73,700,649	65,000		12200	77200
2057	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 106,456,492	4.0%	\$ 76,648,674	65,000	\$ 29,807,818	12200	77200
2058	\$ 8,189,429	\$ 2,729,810			12.0%	\$ 85,846,515	65,000	\$ 33,384,756	12200	77200
2059 2060	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810			6.0% 8.0%	\$ 90,997,306 \$ 98,277,090	65,000 65,000	\$ 35,387,841 \$ 38,218,869	12200 12200	77200 77200
2061	\$ 8,189,429	\$ 2,729,810			8.0%	\$ 106,139,258	65,000	\$ 41,276,378	12200	77200
2062	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 157,734,731	7.0%	\$ 113,569,006	65,000	\$ 44,165,725	12200	77200
2063 2064	\$ 8,189,429	\$ 2,729,810 \$ 2,729,810		\$ 168,776,162	7.0%	\$ 121,518,837 \$ 132,455,532		\$ 47,257,325	12200	77200
2064	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810	, .,		9.0% 8.0%	\$ 132,455,532 \$ 143,051,975	65,000 65,000	\$ 51,510,485 \$ 55,631,323	12200 12200	77200 77200
2066	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239		8.0%	\$ 154,496,133	65,000	\$ 60,081,829	12200	77200
2067	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 231,744,199	8.0%	\$ 166,855,823	65,000	\$ 64,888,376	12200	77200
2068 2069	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810 \$ 2,729,810		\$ 247,966,293 \$ 267,803,596	7.0% 8.0%	\$ 178,535,731 \$ 192,818,589	65,000 65,000	\$ 69,430,562 \$ 74,985,007	12200 12200	77200 77200
2070	\$ 8,189,429 \$ 8,189,429	\$ 2,729,810			9.0%	\$ 192,818,389	65,000	\$ 74,985,007 \$ 81,733,658	12200	77200
2071	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 321,096,512	10.0%	\$ 231,189,489	65,000	\$ 89,907,023	12200	77200
2072	\$ 8,189,429	\$ 2,729,810	\$ 10,919,239	\$ 346,784,233	8.0%	\$ 249,684,648	65,000	\$ 97,099,585	12200	77200
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	N. F	7	60 1/ T 1	0.0.1						
	Metropolitan W		of Salt Lake	& Sandy						
	Projected Cash									
	Last Update: M	larch 30, 2020								
					n	Paylamus a				
						levenues ater Sales				
		Sa	les to Others		vv		D/ODT Water Agreen	ent		
	63	64	65	66	67	68	69	70	71	72
Fiscal Year Ending June 30 Escalation factor	Treated Water Rate	Conveyance Fee	Non-member Entity Water Volume (AF)	Water Conveyance for Others (AF)	Non-member Entity Total Water Sales and Conveyance Revenue	Jordanelle Special Services District Use of ODT Water (AF)	Jordanelle Special Services District Water Rate (S/AF)	Revenue from ODT Water	Total Water Sales/Conveyance Revenue	Revenue increase (%)
(inflation, growth, interest)							3.00%			
2020			1,120	9,357	\$ 830,147	500	\$ 200.00	\$ 200,000		-0.36%
2021 2022	\$ 339.00 \$ 349.00	\$ 24.00 \$ 25.00	1,101	9,470	\$ 950,909 \$ -	500 500	\$ 206.00 \$ 212.18	\$ 203,000 \$ 206,090	\$ 22,915,939 \$ 22,620,981	0.54% -1.29%
2022	\$ 359.00				\$ -	1,000	\$ 218.55	\$ 318,545	\$ 22,620,981	3.47%
2024	\$ 370.00				\$ -	1,000	\$ 225.10	\$ 325,102	\$ 24,105,060	2.99%
2025 2026	\$ 381.00 \$ 415.00	\$ 28.00 \$ 31.00			\$ - \$ -	1,000 1,000	\$ 231.85 \$ 238.81	\$ 242,855 \$ 238,810	\$ 24,736,212 \$ 26,936,569	2.62% 8.90%
2027	\$ 452.00				\$ -	2,953	\$ 245.97	\$ 726,364	\$ 29,826,921	10.73%
2028	\$ 511.00	\$ 38.00			\$ -	2,953	\$ 253.35	\$ 748,154	\$ 33,631,783	12.76%
2029 2030	\$ 603.00 \$ 724.00	\$ 45.00 \$ 54.00			\$ - \$ -	2,953 2,953	\$ 260.95 \$ 268.78	\$ 770,599 \$ 793,717	\$ 39,573,281 \$ 47,356,935	17.67% 19.67%
2031	\$ 746.00				\$ -	2,953	\$ 276.85	\$ 817,529	\$ 48,777,644	3.00%
2032	\$ 746.00				\$ -	2,953	\$ 285.15	\$ 842,054	\$ 48,802,169	0.05%
2033 2034	\$ 753.00 \$ 753.00				\$ - \$ -	2,953 2,953	\$ 293.71 \$ 302.52	\$ 867,316 \$ 893,335	\$ 49,307,032 \$ 49,333,051	1.03% 0.05%
2035	\$ 776.00				\$ -	2,953	\$ 302.32	\$ 920,136	\$ 50,813,043	3.00%
2036	\$ 954.00	\$ 73.00			\$ -	2,953	\$ 320.94	\$ 947,740	\$ 62,316,016	22.64%
2037 2038	\$ 954.00 \$ 954.00				\$ - \$ -	2,953 2,953	\$ 330.57 \$ 340.49	\$ 976,172 \$ 1,005,457	\$ 62,344,448 \$ 62,373,733	0.05% 0.05%
2039		\$ 73.00			\$ -	2,953	\$ 350.70	\$ 1,005,457	\$ 62,403,897	0.05%
2040	\$ 954.00				\$ -	2,953	\$ 361.22	\$ 1,066,689	\$ 62,434,965	0.05%
2041 2042	\$ 954.00 \$ 954.00				\$ - \$ -	2,953 2,953	\$ 372.06 \$ 383.22	\$ 1,098,690 \$ 1,131,651	\$ 62,466,966 \$ 62,499,927	0.05% 0.05%
2043	\$ 954.00				\$ -	2,953	\$ 394.72	\$ 1,165,600	\$ 62,533,876	0.05%
2044	\$ 973.00	\$ 74.00			\$ -	2,953	\$ 406.56	\$ 1,200,568	\$ 63,796,210	2.02%
2045 2046	\$ 1,119.00 \$ 1,164.00	\$ 85.00 \$ 88.00			\$ - \$ -	2,953 2,953	\$ 418.76 \$ 431.32	\$ 1,236,585 \$ 1,273,683	\$ 73,221,573 \$ 76,138,071	14.77% 3.98%
2047	\$ 1,176.00				\$ -	2,953	\$ 444.26	\$ 1,311,893	\$ 76,924,925	1.03%
2048	\$ 1,223.00				\$ -	2,953	\$ 457.59	\$ 1,351,250	\$ 79,988,803	3.98%
2049 2050	\$ 1,260.00 \$ 1,298.00				\$ - \$ -	2,953 2,953	\$ 471.31 \$ 485.45	\$ 1,391,788 \$ 1,433,541	\$ 82,388,468 \$ 84,860,121	3.00%
2051	\$ 1,350.00				\$ - \$ -	2,953	\$ 500.02	\$ 1,433,541 \$ 1,476,547	\$ 84,860,121 \$ 88,240,190	3.98%
2052	\$ 1,431.00	\$ 109.00			\$ -	2,953	\$ 515.02	\$ 1,520,844	\$ 93,490,306	5.95%
2053	\$ 1,517.00				\$ -	2,953	\$ 530.47	\$ 1,566,469	\$ 99,054,099 \$ 102,075,475	5.95%
2054 2055					\$ - \$ -	2,953 2,953	\$ 546.38 \$ 562.77	\$ 1,613,463 \$ 1,661,867	\$ 103,975,475 \$ 104,023,879	4.97% 0.05%
2056	\$ 1,593.00	\$ 122.00			\$ -	2,953	\$ 579.66	\$ 1,711,723	\$ 104,073,735	0.05%
2057					\$ -	2,953				3.98%
2058 2059					\$ - \$ -	2,953 2,953				11.85% 5.95%
2060	\$ 2,124.00	\$ 163.00			\$ -	2,953	\$ 652.41	\$ 1,926,560	\$ 138,422,519	7.93%
2061	,				\$ -	2,953			\$ 149,399,992	7.93%
2062 2063					\$ - \$ -	2,953 2,953		\$ 2,043,887 \$ 2,105,204		6.95% 6.95%
2064	\$ 2,863.00	\$ 219.00			\$ -	2,953	\$ 734.29	\$ 2,168,360	\$ 186,134,377	8.93%
2065					\$ -	2,953		\$ 2,233,411		7.94%
2066 2067					\$ - \$ -	2,953 2,953		\$ 2,300,413 \$ 2,369,425	\$ 216,878,375 \$ 234,113,624	7.94% 7.95%
2068	\$ 3,858.00				\$ -	2,953			\$ 250,406,801	6.96%
2069	,				\$ -	2,953		\$ 2,513,723		7.95%
2070 2071	\$ 4,542.00 \$ 4,996.00				\$ - \$ -	2,953 2,953		\$ 2,589,135 \$ 2,666,809	\$ 294,495,055 \$ 323,763,321	8.94% 9.94%
2072					\$ -	2,953		\$ 2,746,813		7.96%

	Motropolitan V	Votor District a	of Salt Lake & S	Condy												
			or Sait Lake & S	Sanuy												
	Projected Cash															
	Last Update: N	1arch 30, 2020														
								Rev	enues							
				Assessments					enacs	_						
			Сарас	city/Supply Assess	ments					N	liscellaneous Revo	enues				
	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88
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		Sandy City Utah .ake System Water (New Supply) Assessment	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 (87 minus 52)
Escalation factor (inflation, growth, interest)								0%	0%	3.00%		0%		1.70%		
2020 2021	\$ 7,021,892 \$ 7,021,892	\$ 4,210,322 \$ 4,210,322		\$ - \$	\$ 844,223 \$	-	\$ 12,052,013 \$ 12,898,311	\$ - \$ -	\$ 34,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 95,904 \$ 83,789		\$ 46,795,424 \$ 47,722,113	\$ 4,501,355 \$ 1,435,540
2022	\$ 7,021,892	\$ 4,210,322	\$ 817,938	\$ 345,000	\$ 844,223 \$	-	\$ 13,239,375	\$ 30,000	\$ 21,000	\$ 31,300	\$ 26,400	\$ 6,000	\$ 114,700	\$ 834,696	\$ 47,728,991	\$ (780,775)
2023 2024	\$ 7,021,892 \$ 7,021,892	\$ 4,210,322 \$ 4,210,322		\$ 4,300,000 \$ 3,628,000	\$ 844,223 \$ \$ 844,223 \$	-	\$ 17,096,512 \$ 16,409,141	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 118,279 \$ 119,247			\$ (3,807,910) \$ (2,699,420)
2024	\$ 7,021,892 \$ 7,021,892	\$ 4,210,322 \$ 4,210,322		\$ 3,628,000 \$ 8,638,000	\$ 844,223 \$ \$ 844,223 \$	-	\$ 16,409,141 \$ 21,499,696	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 5	\$ 119,247 \$ 120,243			\$ (2,699,420) \$ (3,298,052)
2026	\$ 7,021,892	\$ 4,210,322	\$ 789,493	\$ 6,590,000	\$ 844,223 \$	-	\$ 19,455,930	\$ 30,000	\$ 21,000	\$ 35,229	\$ 29,040	\$ 6,000	\$ 121,269	\$ 654,731	\$ 58,087,738	\$ (2,675,312)
2027 2028	\$ 7,021,892 \$ 7,021,892	\$ 4,210,322 \$ 4,210,322		\$ 4,750,000 \$ -	\$ 844,223 \$ \$ 844,223 \$	· -	\$ 17,160,874 \$ 12,401,603	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000				\$ 122,326 \$ 126,318			\$ (6,935,439) \$ (612,279)
2029	\$ 7,021,892	\$ 4,210,322		*	\$ 844,223 \$	- -	\$ 12,389,383	\$ 30,000	\$ 21,000				\$ 127,440			\$ (547,367)
2030	\$ 7,021,892	\$ 4,210,322		s -	\$ 844,223 \$	- 752 225	\$ 12,374,197	\$ 30,000					\$ 128,594			\$ 1,804,421
2031 2032	\$ 7,021,892 \$ 7,021,892	\$ 4,210,322 \$ 4,210,322		\$ - \$ -	\$ 844,223 \$ \$ 844,223 \$	5 753,225 5 753,225	\$ 13,126,166 \$ 11,987,608	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000		\$ 31,944 \$ 31,944		\$ 88,944 \$ 88,944			\$ 1,756,895 \$ 2,919,840
2033	\$ 7,021,892	\$ 4,210,322		*	\$ 844,223 \$	753,225	\$ 11,962,346	\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000	\$ 581,814	\$ 72,827,430	\$ 3,514,618
2034 2035	\$ 7,021,892 \$ 3,510,946	\$ 4,210,322 \$ 2,105,161	\$ (893,335) \$ (920,136)	\$ - \$ -	\$ 844,223 \$ \$ 844,223 \$	753,225 753,225	\$ 11,936,327 \$ 6,293,419	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 57,000 \$ 57,000			\$ 10,556,933 \$ (5,269,173)
2036	3,310,740	\$ 2,103,101	\$ (947,740)	\$ -	\$ 844,223 \$	753,225	\$ 649,708	\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000	\$ 731,454	\$ 74,673,417	\$ (1,282,318)
2037			\$ (976,172)	•	\$ 844,223 \$		\$ 621,276	\$ 30,000				\$ 6,000	\$ 57,000			\$ 2,024,138
2038 2039			\$ (1,005,457) \$ (1,035,621)	*	\$ 844,223 \$ \$ 844,223 \$	5 753,225 5 753,225	\$ 591,991 \$ 561,827	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 57,000 \$ 57,000		\$ 74,686,028 \$ 74,782,980	\$ 5,703,062 \$ 3,864,154
2040			\$ (1,066,689)	\$ -	\$ 844,223 \$	3 753,225	\$ 530,759	\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000	\$ 906,708	\$ 74,848,670	\$ (7,024,057)
2041 2042			\$ (1,098,690) \$ (1,131,651)	\$ -	\$ 844,223 \$ \$ 844,223 \$	5 753,225 5 753,225	\$ 498,758 \$ 465,797	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 57,000 \$ 57,000	\$ 787,299 \$ 780,066		\$ (425,482) \$ (2,755,482)
2042			\$ (1,165,600)		\$ 844,223 \$	3 753,225 3 753,225	\$ 431,848	\$ 30,000				\$ 6,000	\$ 57,000			\$ (2,733,482) \$ (5,277,271)
2044			\$ (1,200,568)	*	\$ 844,223 \$	753,225	\$ 396,880	\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000	\$ 643,509	\$ 75,812,838	\$ (6,781,992)
2045 2046			\$ (1,236,585) \$ (1,273,683)	\$ - \$ -	\$ 844,223 \$ \$ 844,223 \$	5 753,225 5 753,225	\$ 360,863 \$ 323,765	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 57,000 \$ 57,000	\$ 528,215 \$ 532,655		\$ 261,198 \$ 714,071
2047			\$ (1,311,893)		\$ 844,223 \$		\$ 285,555	\$ 30,000				\$ 6,000	\$ 57,000			\$ 381,617
2048			\$ (1,351,250)	*	\$ 844,223 \$	753,225	\$ 246,198	\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000			\$ 537,514
2049 2050			\$ (1,391,788) \$ (1,433,541)	\$ - \$ -	\$ 844,223 \$ \$ 844,223 \$	5 753,225 5 753,225	\$ 205,660 \$ 163,907	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 57,000 \$ 57,000			\$ (252,785) \$ (1,872,156)
2051			\$ (1,476,547)	\$ -	\$ 844,223 \$	3 753,225	\$ 120,901	\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000	\$ 524,296	\$ 99,861,625	\$ (2,934,117)
2052 2053			\$ (1,520,844)	\$ -	\$ 844,223 \$ \$ 844,223 \$	5 753,225 5 753,225	\$ 76,604 \$ 30,979	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S	\$ 57,000 \$ 57,000		\$ 105,017,564	\$ (2,500,531) \$ (2,138,673)
2054			\$ (1,566,469) \$ (1,613,463)	*	\$ 844,223 \$ \$ 844,223 \$,		\$ 30,000				\$ 6,000	\$ 57,000 \$ 57,000		\$ 110,493,223 \$ 115,331,248	\$ (2,138,673) \$ (2,846,324)
2055			\$ (1,661,867)		\$ 844,223 \$	3 753,225	\$ (64,419)	\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000	\$ 347,162	\$ 115,282,861	\$ 5,817,414
2056 2057			\$ (1,711,723) \$ (1,763,075)	\$ - \$ -	\$ 844,223 \$ \$ 844,223 \$	5 753,225 5 753,225	\$ (114,275) \$ (165,627)	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 57,000 \$ 57,000	\$ 446,058 \$ 435,250	\$ 115,381,757 \$ 119,465,429	\$ (635,738) \$ (3,689,449)
2058			\$ (1,815,967)		\$ 844,223 \$				\$ 21,000			\$ 6,000			\$ 132,177,487	\$ 1,237,295
2059			\$ (1,870,446)	\$ -		753,225		\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000			\$ (90,337)
2060 2061			\$ (1,926,560) \$ (1,984,356)	\$ - \$ -	\$ 844,223 \$ \$ 844,223 \$	753,225 753,225		\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 57,000 \$ 57,000			\$ 721,378 \$ 1,473,713
2062			\$ (2,043,887)	\$ -	\$ 844,223 \$	3 753,225	\$ (446,439)	\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000	\$ 429,345	\$ 170,737,762	\$ 659,642
2063 2064			\$ (2,105,204) \$ (2,168,360)		\$ 844,223 \$ \$ 844,223 \$			\$ 30,000 \$ 30,000	, , , , , , , , , , , , , , , , , , , ,			\$ 6,000 S \$ 6,000 S	\$ 57,000 \$ 57,000			\$ (532,913) \$ 1,105,741
2064			\$ (2,168,360) \$ (2,233,411)		\$ 844,223 \$ \$ 844,223 \$			\$ 30,000	, , , , , , , , , , , , , , , , , , , ,			\$ 6,000	\$ 57,000 \$ 57,000			\$ 1,195,741 \$ 1,139,941
2066			\$ (2,300,413)	\$ -	\$ 844,223 \$	3 753,225	\$ (702,965)	\$ 30,000	\$ 21,000			\$ 6,000	\$ 57,000	\$ 471,206	\$ 227,622,854	\$ 770,062
2067 2068			\$ (2,369,425) \$ (2,440,508)		\$ 844,223 \$ \$ 844,223 \$			\$ 30,000 \$ 30,000				\$ 6,000 S				\$ 8,499 \$ (3,553,574)
2069			\$ (2,513,723)	•	\$ 844,223 \$	753,225 753,225	\$ (916,275)	\$ 30,000	,			\$ 6,000	\$ 57,000	\$ 424,030	\$ 280,801,313	\$ (5,611,173)
2070			\$ (2,589,135)	\$ -	\$ 844,223 \$			\$ 30,000				\$ 6,000	\$ 57,000			\$ (5,720,790)
2071 2072			\$ (2,666,809) \$ (2,746,813)	\$ - \$ -	\$ \$		\$ (2,666,809) \$ (2,746,813)	\$ 30,000 \$ 30,000	\$ 21,000 \$ 21,000			\$ 6,000 S \$ 6,000 S	\$ 57,000 \$ 57,000		\$ 332,304,138 \$ 357,936,016	\$ (3,284,884) \$ (7,137,900)
2012			(2,710,013)	-	ψ	-	- (2,7-10,013)	2 30,000	- 21,000			5,000	27,300	÷ 175,544	2 337,730,010	(1,151,700)
														<u> </u>		

	Metropolitan	Water Distric	t of Salt Lake &	& Sandy										
	Projected Ca	sh Flow												
	Last Update:	March 30, 202	20											
		T					Reserve B	alances						
		_		Res	tricted					Ass	signed		F	
	89	90	91	92	93	94	95	96	97	98	99	100	101	102
		Required Operations and			JVWTP									
Fiscal Year Ending	Total Available	Maintenance Reserve Accoun	Required Renewal and Replacement	Jordan Aqueduct	Operations and Maintenance	150th South Pipeline	Total Restricted	Total Reserves Available to be	Capital Projects	Self Insurance/ Contingency	Interest Rate	Aquifer Storage and Recovery (ASR)	Total Assigned	Remaining Unassigned
June 30	Reserves	Balance	Reserve Fund	Reserve Account	Reserve	Agreement	Reserves	Assigned	Reserve	Reserve	Stabilization Reserve	Reserve	Reserves	Reserves
Escalation factor (inflation, growth, interest)				1.70%		1.70%								
2020 2021	\$ 47,664,20 \$ 49,099,74			\$ 42,691 \$ 43,416	\$ 20,000 \$ 20,000	\$ 35,022 \$ 35,617	\$ 4,700,983 \$ 5,184,972	\$ 42,963,223 \$ 43,914,774	\$ 4,652,168 \$ 4,640,057	\$ 2,000,000 \$ 2,000,000	\$ 3,284,866 \$ 3,284,866	\$ 1,688,905 \$ 2,387,253	\$ 11,625,939 \$ 12,312,176	\$ 31,337,284 \$ 31,602,598
2022	\$ 48,318,97	\$ 4,589,229	9 \$ 650,000	\$ 44,155	\$ 20,000	\$ 36,223	\$ 5,339,606	\$ 42,979,364	\$ 5,808,007	\$ 2,000,000	\$ 3,284,866	\$ 2,387,253	\$ 13,480,126	\$ 29,499,238
2023 2024	\$ 44,511,060 \$ 41,811,630			\$ 44,905 \$ 45,669	\$ 20,000 \$ 20,000	\$ 36,838 \$ 37,465	\$ 5,497,995 \$ 5,660,253	\$ 39,013,064 \$ 36,151,387	\$ 5,772,044 \$ 7,071,411	\$ 2,000,000 \$ 2,000,000	\$ 3,284,866 \$ 3,284,866	\$ 2,387,253 \$ 2,387,253	\$ 13,444,163 \$ 14,743,530	\$ 25,568,902 \$ 21,407,857
2025	\$ 38,513,58	8 \$ 5,071,94	7 \$ 650,000	\$ 46,445	\$ 20,000	\$ 38,101	\$ 5,826,493	\$ 32,687,095	\$ 10,004,067	\$ 2,000,000	\$ 3,284,866	\$ 2,387,253	\$ 17,676,186	\$ 15,010,909
2026 2027	\$ 35,838,27 \$ 28,902,83			\$ 47,235 \$ 48,037	\$ 20,000 \$ 20,000	\$ 38,749 \$ 39,408	\$ 5,996,836 \$ 6,188,441	\$ 29,841,439 \$ 22,714,395	\$ 12,801,962 \$ 14,403,800	\$ 2,000,000 \$ 2,000,000	\$ 3,284,866 \$ 3,284,866	\$ 2,387,253 \$ -	\$ 20,474,081 \$ 19,688,666	\$ 9,367,358 \$ 3,025,729
2028	\$ 28,290,55	8 \$ 5,630,54	8 \$ 650,000	\$ 48,854	\$ 20,000	\$ 40,078	\$ 6,389,480	\$ 21,901,078	\$ 16,405,938	\$ 2,000,000	\$ 3,284,866	\$ -	\$ 21,690,804	\$ 210,274
2029 2030	\$ 27,743,19 \$ 29,547,61			\$ 49,685 \$ 50,529	\$ 20,000 \$ 20,000	\$ 40,759 \$ 41,452	\$ 6,600,602 \$ 6,822,635	\$ 21,142,589 \$ 22,724,976	\$ 15,778,209 \$ 17,105,126	\$ 2,000,000 \$ 2,000,000	\$ 3,284,866 \$ 3,284,866	\$ - \$ -	\$ 21,063,075 \$ 22,389,992	\$ 79,514 \$ 334,985
2031	\$ 31,304,50	5 \$ 6,370,722	2 \$ 650,000	\$ 51,388	\$ 20,000	\$ 42,157	\$ 7,134,267	\$ 24,170,239	\$ 18,503,754	\$ 2,000,000	\$ 3,284,866	\$ -	\$ 23,788,620	\$ 381,620
2032 2033	\$ 34,224,34° \$ 37,738,96			\$ 52,262 \$ 53,150	\$ 20,000 \$ 20,000	\$ 42,873 \$ 43,602	\$ 7,389,142 \$ 7,658,723	\$ 26,835,205 \$ 30,080,242	\$ 20,032,024 \$ 21,846,358	\$ 2,000,000 \$ 2,000,000	\$ 3,284,866 \$ 3,284,866	\$ - \$ -	\$ 25,316,890 \$ 27,131,224	\$ 1,518,315 \$ 2,949,018
2034	\$ 48,295,89	8 \$ 7,175,720	6 \$ 650,000	\$ 54,054	\$ 20,000	\$ 44,344	\$ 7,944,123	\$ 40,351,775	\$ 25,356,890	\$ 2,000,000	\$ 3,284,866	\$ -	\$ 30,641,756	\$ 9,710,020
2035 2036	\$ 43,026,72 \$ 41,744,40			\$ 54,973 \$ 55,907	\$ 20,000 \$ 20,000	\$ 45,097 \$ 45,864	\$ 8,246,840 \$ 8,568,379	\$ 34,779,885 \$ 33,176,029	\$ 27,418,127 \$ 27,672,094	\$ 2,000,000 \$ 2,000,000	\$ 3,284,866 \$ 3,284,866	\$ - \$ -	\$ 32,702,993 \$ 32,956,960	\$ 2,076,892 \$ 219,069
2037	\$ 43,768,54	5 \$ 8,136,87		\$ 56,858	\$ 20,000	\$ 46,644	\$ 8,910,377	\$ 34,858,169	\$ 27,930,812	\$ 2,000,000	\$ 3,284,866	\$ -	\$ 33,215,678	\$ 1,642,491
2038 2039	\$ 49,471,600 \$ 53,335,760		\$ - \$ -	\$ 57,824 \$ 58,807	\$ 20,000 \$ 20,000	\$ 47,437 \$ 48,243	\$ 125,261 \$ 127,050	\$ 49,346,347 \$ 53,208,711	\$ 28,236,104 \$ 28,549,994	\$ 2,000,000 \$ 2,000,000	\$ - \$ -	\$ - \$ -	\$ 30,236,104 \$ 30,549,994	\$ 19,110,243 \$ 22,658,717
2040	\$ 46,311,70	5 \$ -	\$ -	\$ 59,807	\$ 20,000	\$ 49,063	\$ 128,870	\$ 46,182,834	\$ 27,092,706	\$ 2,000,000	\$ -	\$ -	\$ 29,092,706	\$ 17,090,128
2041 2042	\$ 45,886,22 \$ 43,130,74		\$ - \$ -	\$ 60,824 \$ 61,858	\$ 20,000 \$ 20,000	\$ 49,897 \$ 50,746	\$ 130,721 \$ 132,603	\$ 45,755,501 \$ 42,998,137	\$ 27,424,464 \$ 27,769,093	\$ 2,000,000 \$ 2,000,000	\$ - \$ -	\$ - \$ -	\$ 29,424,464 \$ 29,769,093	\$ 16,331,037 \$ 13,229,044
2043	\$ 37,853,46	9 \$ -	\$ -	\$ 62,909	\$ 20,000	\$ 51,608	\$ 134,518	\$ 37,718,952	\$ 28,119,819	\$ 2,000,000	\$ -	\$ -	\$ 30,119,819	\$ 7,599,132
2044 2045	\$ 31,071,475 \$ 31,332,676		\$ - \$ -	\$ 63,979 \$ 65,066	\$ 20,000 \$ 20,000	\$ 52,486 \$ 53,378	\$ 136,464 \$ 138,444	\$ 30,935,013 \$ 31,194,232	\$ 28,480,468 \$ 28,851,265	\$ 2,000,000 \$ 2,000,000	\$ - \$ -	\$ - \$ -	\$ 30,480,468 \$ 30,851,265	\$ 454,546 \$ 342,967
2046	\$ 32,046,74	7 \$ -	\$ -	\$ 66,173	\$ 20,000	\$ 54,285	\$ 140,458	\$ 31,906,289	\$ 29,232,638	\$ 2,000,000	\$ -	\$ -	\$ 31,232,638	\$ 673,651
2047 2048	\$ 32,428,364 \$ 32,965,87		\$ - \$ -	\$ 67,298 \$ 68,442	\$ 20,000 \$ 20,000	\$ 55,208 \$ 56,147	\$ 142,506 \$ 144,588	\$ 32,285,859 \$ 32,821,290	\$ 29,621,215 \$ 30,024,423	\$ 2,000,000 \$ 2,000,000	\$ - \$ -	\$ - \$ -	\$ 31,621,215 \$ 32,024,423	\$ 664,644 \$ 796,867
2049	\$ 32,713,09	1 \$ -	\$ -	\$ 69,605	\$ 20,000	\$ 57,101	\$ 146,706	\$ 32,566,387	\$ 30,438,892	\$ 2,000,000	\$ -	\$ -	\$ 32,438,892	\$ 127,496
2050 2051	\$ 30,840,93 \$ 27,906,82		\$ - \$	\$ 70,788 \$ 71,992	\$ 20,000 \$ 20,000	\$ 58,072 \$ 59,059	\$ 148,860 \$ 151,051	\$ 30,692,078 \$ 27,755,770	\$ 27,917,850 \$ 25,408,727	\$ 2,000,000 \$ 2,000,000	\$ - \$ -	\$ - \$ -	\$ 29,917,850 \$ 27,408,727	\$ 774,228 \$ 347,043
2052	\$ 25,406,28	9 \$ -	\$ -	\$ 73,216	\$ 20,000	\$ 60,063	\$ 153,279	\$ 25,253,011	\$ 22,911,953	\$ 2,000,000	\$ -	\$ -	\$ 24,911,953	\$ 341,058
2053 2054	\$ 23,267,610 \$ 20,421,290		\$ -	\$ 74,460 \$ 75,726	\$ 20,000 \$ 20,000	\$ 61,084 \$ 62,123	\$ 155,544 \$ 157,849	\$ 23,112,072 \$ 20,263,444	\$ 20,427,960 \$ 17,957,179	\$ 2,000,000 \$ 2,000,000	\$ - \$	\$ - \$	\$ 22,427,960 \$ 19,957,179	\$ 684,111 \$ 306,264
2055	\$ 26,238,70	7 \$ -	\$ -	\$ 77,014	\$ 20,000	\$ 63,179	\$ 160,192	\$ 26,078,515	\$ 18,447,043	\$ 2,000,000	\$ -	\$ -	\$ 20,447,043	\$ 5,631,472
2056 2057	\$ 25,602,96 \$ 21,913,52		\$ - \$ -	\$ 78,323 \$ 79,654	\$ 20,000 \$ 20,000	\$ 64,253 \$ 65,345	\$ 162,575 \$ 164,999	\$ 25,440,393 \$ 21,748,521	\$ 18,950,784 \$ 19,468,636	\$ 2,000,000 \$ 2,000,000	\$ - \$ -		\$ 20,950,784 \$ 21,468,636	\$ 4,489,610 \$ 279,886
2058	\$ 23,150,81	5 \$ -	\$ -	\$ 81,008	\$ 20,000	\$ 66,456	\$ 167,464	\$ 22,983,351	\$ 20,001,032	\$ 2,000,000	\$ -	\$ -	\$ 22,001,032	\$ 982,319
2059 2060	\$ 23,060,47 \$ 23,781,85		-	\$ 82,385 \$ 83,786	\$ 20,000 \$ 20,000	\$ 67,586 \$ 68,735	\$ 169,971 \$ 172,521	\$ 22,890,507 \$ 23,609,335	\$ 20,548,409 \$ 21,111,401	\$ 2,000,000 \$ 2,000,000	\$ - \$ -	•	\$ 22,548,409 \$ 23,111,401	\$ 342,098 \$ 497,934
2061	\$ 25,255,56	9 \$ -	\$ -	\$ 85,210	\$ 20,000	\$ 69,903	\$ 175,113	\$ 25,080,456	\$ 21,690,445	\$ 2,000,000	\$ -	\$ -	\$ 23,690,445	\$ 1,390,011
2062 2063	\$ 25,915,212 \$ 25,382,29			\$ 86,659 \$ 88,132	\$ 20,000 \$ 20,000	\$ 71,091 \$ 72,300	\$ 177,750 \$ 180,432		\$ 22,285,978 \$ 22,898,438	\$ 2,000,000 \$ 2,000,000	\$ - \$ -		\$ 24,285,978 \$ 24,898,438	
2064	\$ 26,578,04) \$ -	\$ -	\$ 89,630	\$ 20,000	\$ 73,529	\$ 183,159	\$ 26,394,880	\$ 23,528,262	\$ 2,000,000	\$ -	\$ -	\$ 25,528,262	\$ 866,618
2065 2066	\$ 27,717,98 \$ 28,488,04		\$ - \$ -	\$ 91,154 \$ 92,704	\$ 20,000 \$ 20,000	\$ 74,779 \$ 76,050	\$ 185,933 \$ 188,754	\$ 27,532,048 \$ 28,299,289	\$ 24,175,892 \$ 24,841,965	\$ 2,000,000 \$ 2,000,000	\$ - \$ -	\$ - \$ -	\$ 26,175,892 \$ 26,841,965	
2067	\$ 28,496,54	2 \$ -	\$ -	\$ 94,280	\$ 20,000	\$ 77,343	\$ 191,623	\$ 28,304,919	\$ 25,526,925	\$ 2,000,000	\$ -	\$ -	\$ 27,526,925	\$ 777,995
2068 2069	\$ 24,942,960 \$ 19,331,790		-	\$ 95,882 \$ 97,513	\$ 20,000 \$ 20,000	\$ 78,658 \$ 79,995	\$ 194,540 \$ 197,508	\$ 24,748,428 \$ 19,134,288	\$ 20,695,395 \$ 15,730,819	\$ 2,000,000 \$ 2,000,000	\$ - \$ -	\$ - \$ -	\$ 22,695,395 \$ 17,730,819	\$ 2,053,033 \$ 1,403,469
2070	\$ 13,611,00	5 \$ -	\$ -	\$ 99,170	\$ 20,000	\$ 81,355	\$ 200,525	\$ 13,410,480	\$ 10,629,379	\$ 2,000,000	\$ -	\$ -	\$ 12,629,379	\$ 781,101
2071 2072	\$ 10,326,12 \$ 3,188,22		\$ - \$ -	\$ 100,856 \$ 102,571	\$ 20,000 \$ 20,000	\$ 82,738 \$ 84,145	\$ 203,594 \$ 206,715	\$ 10,122,527 \$ 2,981,506	\$ 5,387,051	\$ 2,000,000 \$ 2,000,000	\$ - \$ -	\$ - \$ -	\$ 7,387,051 \$ 2,000,000	\$ 2,735,476 \$ 981,506
2072	- 5,100,22	-	~	- 102,371	20,000	- 01,113	200,713	2,701,500		2,000,000	-	-	2,000,000	201,500
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										1				

Cash Flow Analysis Assumptions

METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY CASH FLOW ANALYSIS ASSUMPTIONS April 7, 2020

Fiscal year based on July 1 through June 30 of each year. Fiscal Year (FY) 2021 runs from July 1, 2020 thru June 30, 2021.

- 1. District Regular Operating Expenses: For FY 2020, the amount shown is the budgeted expenditures expected for June 30, 2020 based on the adopted budget for the period ending June 30, 2020. The projected spend as of December 31, 2019 is approximately \$923,801 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 26-37, depreciation, amortization, or interest expense. There is an assumed 3.0% annual increase for future years. This assumed increased is based on a 10-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 6.27%.
- 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 2021: \$50.00 (25% increase)
 - b. FY 2022: \$55.00 (10% increase)
 - c. FY 2023: \$60.00 (9% increase)
 - d. FY 2024: \$65.00 (8% increase)
 - e. FY 2025: \$70.00 (8% increase)
 - f. FY 2026: \$75.00 (7% increase)
 - g. Increases beyond FY 2026 will be evaluated in the years leading up to FY 2027 with a stated need of the total cost to reach \$300 per acre foot.
 - h. The escalated percentages in columns 2 and 3 for years beyond FY 2026 reflect historical increases prior to FY 2017 (11-year period) and do not factor in the increases shown for FY 2017 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 2021; 5600 acre feet per year beginning in FY 2031). In FY 2070, the repayment period will end. The subsequent years will be only OM&R and reserve 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 2953 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. MWDSLS' final payment was made in FY2019.
- **30. PRWUA Assessment (O&M and capital):** FY 2021 is forecasted at \$24.91 per share for 61,900 shares. From FY 2022 through FY 2046, an additional \$1.6 million assessment is included for replacement of the Deer Creek Dam intake structure and related guard gates. Based on a 5-year average, a 2.96% 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 a 5-year average, a 3.66% 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 11-year average, a 2.21% 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. Salt Lake City 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. Salt Lake City deliveries and repayment obligations for 3100 acre feet per year will begin in FY 2021. The repayment will continue until FY 2070. The following years will be OM&R and reserve costs only.
- **42. Salt Lake City CUP ULS Petition Repayment Unit Cost:** Based on a 50-year amortization, the annual petition repayment of \$272.33 per acre foot begins in FY 2021.
- **43. Salt Lake City CUP ULS Petition Repayment Total Cost:** The annual petition repayment cost of Salt Lake City CUP ULS water.
- **44. Sandy City CUP ULS Water Petition Repayment Volume:** Sandy City deliveries and repayment obligations are for 2500 acre feet per year and will begin in FY 2031. The repayment will continue until FY 2070. The following years will be OM&R and reserve costs only.
- **45. Sandy City CUP ULS Petition Repayment Unit Cost:** Based on 40-year amortization, the estimated annual petition repayment of \$301.29 per acre foot begins in FY 2031.
- **46. Sandy City CUP ULS Petition Repayment Total Cost:** The annual petition repayment cost of Sandy City CUP ULS water.

- **47. CUP ULS Petition Repayment Total Cost:** The annual petition repayment cost of CUP ULS water.
- **48. Non-capacity Capital Expenditures:** Capital expenditures estimated based on current asset management projections.
- **49. 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 2031, costs are based on the average of the prior years. Thereafter, the amount is escalated at a 2% increase each year. The 18-year historical average is 12.64% annually.
- **50. New Capacity Capital Expenditures:** The expenses shown reflect the expenses related to aquifer storage and recovery, the 150th 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).
- **51. Total Capital Expenditures:** Sum of capital expenditures columns.
- **52. Total Expenses (i.e., Revenue Requirements):** Sum of columns 14, 24, 33, and 51.
- **53. 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 2019 certified rate for Salt Lake City is 0.000289. The maximum certified rate that the District is allowed to establish is 0.0005.
- **54. 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 2019 certified rate for Sandy City is 0.000311. The maximum certified rate that the District is allowed to establish is 0.0005.
- **55. Total MWDSLS Taxes:** Sum of tax columns.
- **56. Total Water Sales to Member Cities (fixed rate):** A fixed charge for water use is levied to the member cities on a monthly basis.
- **57. Proposed Water Rate Increase:** Percent increase applied to prior fiscal year fixed charge after FY 2021 and other rates (treatment charge, conveyance charge, etc.).
- **58.** 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 56 based on historic water deliveries to Salt Lake City and Sandy City. Salt Lake City's pro-rata share is currently 72%.
- **59. 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 2049 with the transition between current demands and projected demands in FY 2049 being evenly prorated over the years between now and FY 2049.

- **60.** Water Sales to Sandy City (fixed rate): Sandy City water sales and conveyance fees. This is based on the pro-rata split of column 56 based on historic water deliveries to Salt Lake City and Sandy City. Sandy City's pro-rata share is currently 28%.
- **61. 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 2049 with the transition between current demands and projected demands in FY 2049 being evenly prorated over the years between now and FY 2049.
- **62. Total Water Sales Volume to Member Cities:** Total volume of water sales to member cities.
- **63. Treated Water Rate:** Water rates are as shown in the table. The rates escalate as shown in column 57.
- **64. Conveyance Fee:** Rate (\$/AF) to convey water in District pipeline facilities. Rates for FY 2021 escalate as shown in column 57.
- 65. Non-member Entity Water Volume (AF): The average of the prior three fiscal years is 1101 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 2021 escalates as shown in column 57. 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).
- **66.** 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 9,470 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.
- **67. Non-member Entity Total Water Sales and Conveyance Revenue:** Total non-member entity revenue amount for water sales and conveyance charges.
- **68. 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 2953 AF.

- **69. 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.
- **70. Revenue from ODT Water:** Anticipated revenue from JSSD.
- 71. Total Water Sales/Conveyance Revenue: Sum of water sales revenues.
- **72. 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.
- **73. 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 MWDSLS board in February 2001.
- **74. 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 MWDSLS board in February 2001.
- 75. 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.
- **76. New Capacity Assessments:** Assessments for new capacity projects.
- 77. Salt Lake City Utah Lake System Water (New Supply) Assessment: Assessments to Salt Lake City to pay for expected Utah Lake System water beginning in FY 2021. See column 43.
- **78.** Sandy City Utah Lake System Water (New Supply) Assessment: Assumed assessments to Sandy City to pay for expected Utah Lake System water beginning in FY 2031. See column 46.
- **79. Total Assessments:** Sum of assessments columns.
- **80. 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.
- **81. 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.
- **82. 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.
- **83.** 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.
- **84.** Other Miscellaneous Revenues: Licensing program fees (if any), vehicle sales (if any), grants (if any), and other miscellaneous revenues.
- **85. Total Miscellaneous Revenues:** Sum of miscellaneous revenues.
- **86.** 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%.
- **87. Total Revenues:** Sum of revenue columns.
- **88. Net Cash Flow:** Total revenues, column 87, minus total expenses, column 52.
- **89. Total Available Reserves:** FY 2020 amount is determined by current balances in the bank and the bond fund accounts as of December 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 88 for the current year.
- **90.** 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.
- **91. 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.
- 92. Jordan Aqueduct Reserve Account: Established via agreement (interest bearing).
- **93. JVWTP Operations and Maintenance Reserve:** Established via agreement (not interest bearing).
- **94. 150**th **South Pipeline Agreement:** Established via agreement (interest bearing).
- 95. Total Restricted Reserves: Sum of columns 90-94.

- **96. Total Reserves Available to be Assigned:** Total available reserves less total restricted reserves.
- **97. 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.
- **98. Self Insurance/Contingency Reserve:** Goal of \$2,000,000 as established by District policy.
- **99. 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.
- **100.** 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.
- **101. Total Assigned Reserves:** Sum of columns 97-100.
- **102. Remaining Unassigned Reserves:** Remaining reserves (if any).

Budget Schedule

Fiscal Year 2021 Budget Schedule

Last Updated: March 31, 2020

- **February 4** Engineering Committee Meeting (10:00 AM; preliminary discussion related to capital budget).
- March 10 Management Advisory Committee Meeting (8:30 AM; preliminary discussion related to staffing and compensation schedule).
- March 23 Board Meeting budget discussion
- **April 7** 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 20** Board Meeting-consider adoption of the tentative budget.
- **April 28** Engineering Committee Meeting (10:00 AM; discussion related to capital budget).
- **April 28-** Presentation to the Sandy City Council (5:30 PM; LCWTP).
- May 4 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 11 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 18 Board Meeting Tentative budget public hearing (6:00 P.M.).
- **June 2** Management Advisory and Finance Committee Meetings.
- **June 22** 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 22** 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

I. Background

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 \$47,000 (based on FY2021 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.

II. Staffing Levels

The chart below reflects the historical and projected staffing levels.

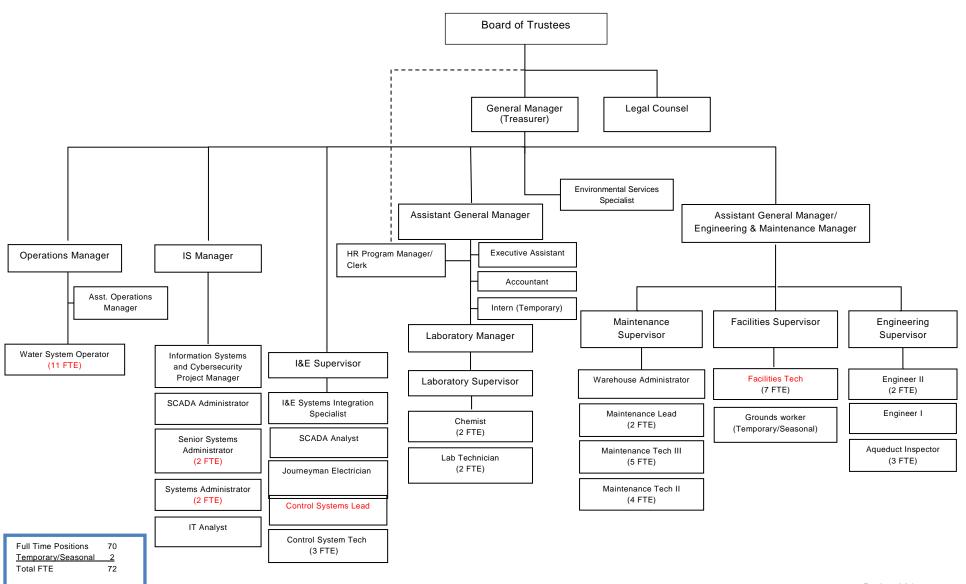
Department	Cost Center	FY2020	FY2021
Administration	10	7	7
Operations	22	12	13
Information Technology	24	6	8
Engineering & Maintenance	23 & 25	30	30
Instrumentation & Electrical	26	7	8
Lab	50	6	6
Totals		68	72

The projected staffing levels in FY21 include an increase of four full-time equivalents (FTEs). The increased staffing levels will address succession planning needs and the growing technology and instrumentation needs at the District.

The extra Water System Operator in Operations is needed for succession planning purposes. This is a one-time increase to address the anticipated retirement of an operator in 2021. Two additional Systems Administrators in Information Technology are needed to address IT project backlog and growing technology and cybersecurity needs. The fourth FTE is for a Control Systems Lead position in the Instrumentation & Electrical department. This position is needed for succession planning and to meet the I&E demands of the District. The critical systems that operate and control water treatment functions are complex and increasing in number.

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

Metropolitan Water District of Salt Lake & Sandy Organizational Chart Fiscal Year 2021



III. Benefits

The District is interested in providing benefits that will help the District attract and retain skilled and experienced employees. The District is interested in maintaining reasonable stability and predictability for its employees and their families. The District is also interested in providing benefits that are reasonably comparable to those offered by other local entities similar to the District. The District provides employees with the following benefits package:

- · Medical and Dental Insurance
- · Vision 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)
- · 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 majority of new staff hired qualify for the Tier II rate which reduces the financial impact to the District.

The District contracted with a new medical and dental insurance carrier in January 2020. The budget includes a 10% increase in medical insurance premiums and a 5% increase in dental premium effective January 2021.

The District encourages employee wellness through a Participatory Wellness Program (PWP). The PWP provides an incentive for participation and is available without regard to an employee's health status. Employees who participate would receive \$500 in their HSA in 2021. The PWP incentive requires an employee to complete at least three out of the six following requirements: flu shot, preventative exam & lab work with personal physician, biometric screening, health risk assessment, attend a Wellness Lunch N' Learn, and participate in a wellness challenge before November 20, 2020.

IV. Job Grades & Salary Ranges

The District's has a traditional pay structure with job grades and salary ranges for all District positions. The District will implement a 2.0% salary structure adjustment based on the information compiled from the 46th Annual Salary Budget Survey 2019-2020 by World at Work. The salary adjustment shifts the midpoint of the salary range and helps to maintain the District's position to provide competitive compensation. The salary structure adjustment does not increase the budget nor does it provide an automatic 2% raise for any employee.

Staffing and Compensation Schedule

Annually an evaluation of market wage data is conducted to determine if the salary ranges for District positions are competitive with the market. This analysis resulted in two positions being reassigned to one pay grade higher: seasonal grounds worker position and the SCADA Analyst position. The reassignment of these positions to a higher pay grade does not increase the budget.

The District is also proposing to combine the Maintenance Tech I and Maintenance Tech II positions (those that report to the Facilities Supervisor) into one position called Facilities Techs. It has been challenging to attract and retain employees in the Maintenance Tech I position due to several factors, including the competitive labor market, entry level starting wages, nature of the work, and turnover. The consolidation of Maintenance Tech I and II would move the Tech I position to one pay grade higher. Changing the title of the Maintenance Tech II staff that report to the Facilities Supervisor to Facilities Tech does not change the pay grade. This reassignment and renaming of these positions does not increase the budget.

The District will introduce an Information Technology pay structure for positions within the IT department. The separate pay structure will address external competitiveness issues, such as those found in information technology. The separate structure should balance internal equity against external competitiveness. The objectives for this pay structure are as follows: maintain external market competitiveness, attract qualified talent to the District, retain talent, and invest in employees that know how the District's IT systems operate and know how to maintain them. The separate pay structure does not increase the budget.

V. 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 budget, the District is including \$7,280.00 in salary and wages to support the program. The program has been expanded to include compensation for employees performing lab sampling and lab tech substitute responsibilities. Developing this skill set in the Operations Department and in the Engineering & Maintenance Department has proven very beneficial, especially when these staff are involved in projects that require compliance sampling.

VI. Wages and Salary Statistics

Wage and salary increases are determined on individual performance, thus the District utilizes a merit pay system, also known as pay-for-performance system. The District compares wage and salary increases with the member cities and other water districts. The District also collects data from the U. S. Bureau of Labor Statistics (Jan. 1 - Dec. 31, 2019), specifically the Consumer Price Index and Employment Cost Index. Wage and salary

Staffing and Compensation Schedule

information from the 46th Annual Salary Budget Survey 2019-2020 by World at Work is evaluated annually. Based on these data points, the District has proposed a 4% merit increase. The following table details the comparisons with member cities and other water districts:

Salary Review Comparison	The FY21 budgeted increase details:			
Entity	Sum of merit and COLA	Merit	COLA	Comment
Metropolitan Water District of Salt Lake & Sandy	4.00%	4.00%	N/A	Proposing
Salt Lake City Public Utilities	0.00%	0*	0.00%	Proposing
Sandy City	2.00%	0.00%	2.00%	Proposing. The 2% is considered a market increase.
Provo River Water Users Association	3.00%	3.00%	0.00%	Approved
Jordan Valley Water Conservancy District	4.00%	4.00%	N/A	Proposing
Weber Basin Water Conservancy District	4.00%	2.00%	2.00%	Approved
Central Utah Water Conservancy District	3.00%	3.00%	N/A	Proposing
Average	2.86%			
*SLC has provisions for applicable merit increases for	eligible employ	ees.		

VI. Conclusion

Based on the proposed additional positions, 4% merit-based increase to wages, retirement increases, payroll tax increases, and projected increases to medical, dental and other benefits, the total District budget increases by \$610,472. The various components are broken down as follows:

\$453,173	Salary & Wages
(\$1,301)	Overtime Premium
\$31,807	Medical Insurance Premiums (Health, Dental, Vision, Health Savings Account)
\$2,073	Other Insurance (Life, AD&D, LTD, Long Term Care)
\$34,127	Payroll Taxes
\$90,593	Utah Retirement

Based on the above, the net increase in personnel costs to the District is estimated to be 2.2% of the overall O&M Budget (excluding interest costs).

Resolution for Budget Approval

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Budget Acronyms

Budget Acronyms

Last update: March 31, 2020

AD&D: Accidental Death and Dismemberment

AED: Automated electronic defibrillator

AF: Acre Feet

ASR: Aquifer Storage and Recovery

APWA: American Public Works Association AWWA: American Water Works Association

BAF: Bank of American Fork BOWR: Board of Water Resources CAD: Computer aided drafting CDL: Commercial Drivers License COLA: Cost of Living Adjustment CIO: Chief Information Officer CUP: Central Utah Project

CUWCD: Central Utah Water Conservancy District

DIDS: Direct Inbound Dialing
DPD: N-diethyl-p-phenylenediamine
E&M: Engineering & Maintenance
EAM: Enterprise Asset Management
FCC: Federal Communications Commission

FAS: Fixed Asset Software FIS: Financial Information System

FTE: Full-time Equivalent

FY: Fiscal Year

GC: Gas chromatograph

GIS: Geographic Information System

GM: General Manager

GRAMA: Government Records and Access Management

HSA: Health Savings Account HMI: Human Machine Interface

HVAC: Heating, ventilation, and air conditioning

I&E: Instrumentation & Electrical

IS: Information Services

ISAC: Information Sharing and Analysis Center

ISP: Internet Service Provider IT: Information Technology JA: Jordan Aqueduct

JNPS: Jordan Narrows Pump Station JSSD: Jordanelle Special Service District

JVWCD: Jordan Valley Water Conservancy District JVWTP: Jordan Valley Water Treatment Plant LCWTP: Little Cottonwood Water Treatment Plant

LED: Light-emitting diode

LIMS: Laboratory information management system

LOX: Liquid oxygen
LTC: Long term care
LTD: Long term disability
M&I: municipal and industrial
MIB: methylisoborneol

MIB: methylisoborneol MG: million gallons

MWDSLS: Metropolitan Water District of Salt Lake

& Sandy

ODT: Ontario Drain Tunnel

O&M: Operations and Maintenance

OM&R: Operation, Maintenance & Replacement

PC: Personal Computer PC/S: Process Control/SCADA pH: Potential of hydrogen

PLC: Programmable Logic Controller

POMWTP: Point of the Mountain Water Treatment Plant

PPE: Personal Protection Equipment

PRI: Primary Rate Interface

PRWUA: Provo River Water Users Association

PVC: poly vinyl chloride

PWP: Participatory wellness program

ROW: Right-of-way

RTU: Remote Terminal Unit SAN: Storage Area Network

SCADA: Supervisory Control and Data Acquisition

SCS: Security Control System

SLCPU: Salt Lake City Public Utilities

SLA: Salt Lake Aqueduct

SLA/FW: Salt Lake Aqueduct finished water

TBD: to be determined THM: Trihalomethanes TOC: Total organic carbon T-Chlor: Sodium Hypochlorite

TR: Jordan Aqueduct terminal reservoir

UCAN: Utah Communication Agency Networks

ULS: Utah Lake System

UPS: Uninterruptible Power Supply URS: Utah Retirement System

UV: Ultraviolet

UVWTP: Utah Valley Water Treatment Plant UWUA: Utah Water Users Association

VoIP: Voice-over Internet Protocol

WQTC: Water Quality Technology Conference

Salt Lake County Auditors/State Tax Commission Forms

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