



# GREEN MOUNTAIN WATER & SANITATION DISTRICT

**2023 Draft Budget Version 2.2  
November 8, 2022**

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# 2023 Budget Memorandum

## 11/08/2022

In the proposed 2023 budget draft you will see the 2021 actuals, 2022 approved budget, 2022 projections, and the proposed 2023 budget. The differences from 2022 to 2023 include changes in costs as well as the revenues required to cover those costs, carry over & new capital improvement projects, and employee costs.

The proposed 2023 budget draft shows the increase that Denver Water is presenting to their Board on October 12<sup>th</sup>. They are proposing to increase the volumetric rate by 1.96% (\$0.09/thousand gallons) and the service charge by 11.15% (\$1,151.88 monthly). This draft shows GMWSD passing this cost through to the water rates. As directed at the 10/25/2022 special meeting, this draft shows an increase to the capital reserve rate built into the water rates of \$0.40/thousand gallons. The total increase to the water rate would be 9.02%. The increase to the capital reserve rate of \$0.40/thousand gallons would also be applied to the sewer rate causing an overall increase of 9.8%.

As directed at the 10/25/2022 special meeting, this draft shows a 1.56% increase to the employee salary, taxes, and benefits. Included in that percentage is 4% increase for salary, 4.5% for medical premiums, 4.7% for dental premiums. As well as increasing the per day pay for the on-call contact who receives all after hour and emergency calls from \$30 to \$50.

Price increases from our supply and service vendors have impacted multiple operating expenses. The increased costs result in the proposed 1.22% (\$0.20/month) increase to the service fee. For comparison, this would make the GMWSD residential service fee \$16.55/month. Denver Water is proposing their residential service charge to be \$17.90/month.

Non-Operating Revenues will show a dramatic increase in interest income due to the Federal Reserve continuing to increase interest rates to combat inflation. New home projections in Fossil Ridge will be significantly lower than 2022.

Proposed 2023 Capital Expenditures include multiple items for field equipment, office & grounds, office equipment, and vehicles. Carryover projects will be the 2017 cellular endpoints, ravine bridge stabilization, access barriers for 3 crossings, remaining cost for the bear creek CIPP, and tamarisk lift station improvement. New proposed projects for 2023 are pink pump station generator, pump station/tank battery backup banks (various pump stations and tanks), tank hatch improvements, and engineering cost for 2024 project design.

With the increase in the water rate, sewer rate, and service fee the average residential winter bill would see an increase of \$8.41/billing or 7.10%. The average residential summer bill would see an increase of \$19.54/billing or 8.10%.

January 1, 2023 to December 31, 2023 Budget

1	BEGINNING FUNDS AVAILABLE	\$15,400,539	\$21,422,771	\$21,422,771	\$23,365,441	% INC(DEC)	% INC(DEC)
		2021	2022	2022	2023	2022 v 2023	2022 v 2023
		Actual	Budget	Projected	Budget	Budget	Projected
<b>Operating Revenues</b>							
2	<u>Rates &amp; Charges - Water</u>	7,512,803	8,005,501	8,028,630	8,401,410	4.95%	4.64%
3	<u>Rates &amp; Charges - Sewer</u>	2,978,872	3,130,629	3,042,700	3,168,461	1.21%	4.13%
4	<u>Service Fee</u>	3,570,428	3,695,529	3,695,000	3,789,548	2.54%	2.56%
5	<u>Miscellaneous Income</u>	81,390	86,200	96,810	101,900	18.21%	5.26%
6	<u>Meter Sales</u>	5,013	0	10,580	0	0.00%	-100.00%
7	<u>Wtr/Sewer Inspection</u>	5,050	4,500	5,675	1,500	-66.67%	-73.57%
8	<b>Total Operating Revenues</b>	<b>\$14,153,556</b>	<b>\$14,922,359</b>	<b>\$14,879,395</b>	<b>\$15,462,818</b>	<b>3.62%</b>	<b>3.92%</b>
<b>Operating Expense</b>							
9	<u>Cost of Water</u>	6,724,814	7,510,658	7,100,000	7,823,523	4.17%	10.19%
10	<u>Sewage Treatment</u>	2,056,758	2,821,265	2,831,362	2,729,304	-3.26%	-3.60%
11	<u>Employee - Salaries, Taxes, &amp; Benefits</u>	2,132,061	2,433,115	2,244,150	2,471,171	1.56%	10.12%
12	<u>Contracted Labor</u>	125,644	197,000	212,000	227,500	15.48%	7.31%
13	<u>Pumping &amp; Utilities</u>	322,074	366,510	315,000	361,450	-1.38%	14.75%
14	<u>District Repair/ Mtn &amp; Grounds</u>	205,811	257,000	237,000	231,500	-9.92%	-2.32%
15	<u>Office Expense</u>	533,957	499,050	449,000	517,200	3.64%	15.19%
16	<u>Property &amp; Liability Insurance</u>	123,547	134,769	130,286	150,393	11.59%	15.43%
17	<u>Meters(Sold &amp; Replacement Costs)</u>	2,887	15,000	8,000	15,000	0.00%	87.50%
18	<u>Engineering</u>	119,235	95,000	90,000	145,000	52.63%	61.11%
19	<u>Auto Expense</u>	99,003	100,000	106,687	125,800	25.80%	17.92%
20	<u>District Manager Consulting</u>	34,750	66,000	61,900	0	-100.00%	-100.00%
21	<u>UNCC Locates</u>	6,084	6,000	10,000	8,500	41.67%	-15.00%
22	<u>Lobbyist</u>	0	0	0	30,000	0.00%	0.00%
23	<u>Legal</u>	272,081	200,000	185,000	200,000	0.00%	8.11%
24	<u>Audit</u>	16,000	16,000	15,500	16,500	3.13%	6.45%
25	<u>Directors Fees</u>	7,400	9,600	9,600	12,000	25.00%	25.00%
26	<b>Total Expenditures</b>	<b>\$12,782,106</b>	<b>\$14,726,967</b>	<b>\$14,005,485</b>	<b>\$15,064,841</b>	<b>2.29%</b>	<b>7.56%</b>
27	<b>Income(Loss) Operating</b>	<b>\$1,371,450</b>	<b>\$195,392</b>	<b>\$873,910</b>	<b>\$397,977</b>	<b>103.68%</b>	<b>-54.46%</b>
<b>Non-Operating Revenues</b>							
28	<u>System Development</u>	3,626,692	214,420	438,210	83,395	-61.11%	-80.97%
29	<u>Interest Income</u>	17,661	4,168	282,150	616,718	14696.50%	118.58%
30	<u>Capital Reserve</u>	1,497,090	1,564,575	1,570,000	2,588,742	65.46%	64.89%
31	<u>Lease Income</u>	2,200	2,400	2,400	2,400	0.00%	0.00%
32	<b>Total Non-Operating Revenues</b>	<b>\$5,143,643</b>	<b>\$1,785,563</b>	<b>\$2,292,760</b>	<b>\$3,291,256</b>	<b>84.33%</b>	<b>43.55%</b>
<b>Non-Operating Expenditures</b>							
33	<u>Capital Outlay - Water</u>	407,687	1,208,835	289,000	1,210,000	0.10%	318.69%
34	<u>Capital Outlay - Sewer</u>	24,192	1,294,000	750,000	2,740,000	111.75%	265.33%
35	<u>Capital Outlay - Equipment &amp; Vehicles</u>	44,124	210,000	185,000	485,270	131.08%	162.31%
36	<u>Capital Outlay - Office</u>	16,858	0	0	107,000	0.00%	0.00%
37	<u>Capital Contingency</u>	0	250,000	0	395,000	58.00%	100.00%
38	<b>Total Non-Operating Expenditures</b>	<b>\$492,861</b>	<b>\$2,962,835</b>	<b>\$1,224,000</b>	<b>\$4,937,270</b>	<b>66.64%</b>	<b>303.37%</b>
39	<b>Income(Loss) Non-Operating</b>	<b>\$4,650,782</b>	<b>(\$1,177,272)</b>	<b>\$1,068,760</b>	<b>(\$1,646,014)</b>	<b>39.82%</b>	<b>-254.01%</b>
40	<b>Income(Loss) Total</b>	<b>\$6,022,232</b>	<b>(\$981,880)</b>	<b>\$1,942,670</b>	<b>(\$1,248,037)</b>	<b>27.11%</b>	<b>-164.24%</b>
41	<b>ENDING FUNDS AVAILABLE</b>	<b>\$21,422,771</b>	<b>\$20,440,891</b>	<b>\$23,365,441</b>	<b>\$22,117,404</b>	<b>8.20%</b>	<b>-5.34%</b>

Signed by: \_\_\_\_\_  
 Todd Hooks, Treasurer  
 Green Mountain Water & Sanitation District

## Cost of Water

-Denver Water is proposing to increase the volumetric rate by 1.96% or \$0.09/thousand gallons.

-Denver Water is proposing to increase the service charge by 11.15% or \$1,151.88 monthly. The service charge is billed monthly per master meter. The district has six 10" master meters that feed the distribution system.

**Cost of Water**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Cost per 1,000G	
2018	80,841	70,522	84,349	98,012	146,665	232,856	268,935	220,944	192,313	120,429	82,654	91,646	1,690,166	4.09	-0.24% ↓
2019	86,355	72,582	72,742	86,099	104,664	159,396	234,468	245,636	212,110	106,816	77,620	70,565	1,529,053	4.25	3.91% ↑
2020	74,716	69,760	72,630	81,642	186,343	218,694	242,911	260,202	195,415	140,831	65,757	72,845	1,681,746	4.37	2.82% ↑
2021	76,252	67,392	66,418	67,632	97,680	192,726	239,071	225,925	220,221	112,896	65,005	66,153	1,497,371	4.41	0.92% ↑
2022	63,158	59,622	62,960	79,729	155,513	188,069	210,671	202,011	166,251	122,692	78,569	78,352	1,467,597	4.60	4.31% ↑
2023	75,515	69,396	71,241	80,762	155,010	211,420	244,276	242,683	205,212	132,750	73,824	76,652	1,638,741	4.69	1.96% ↑

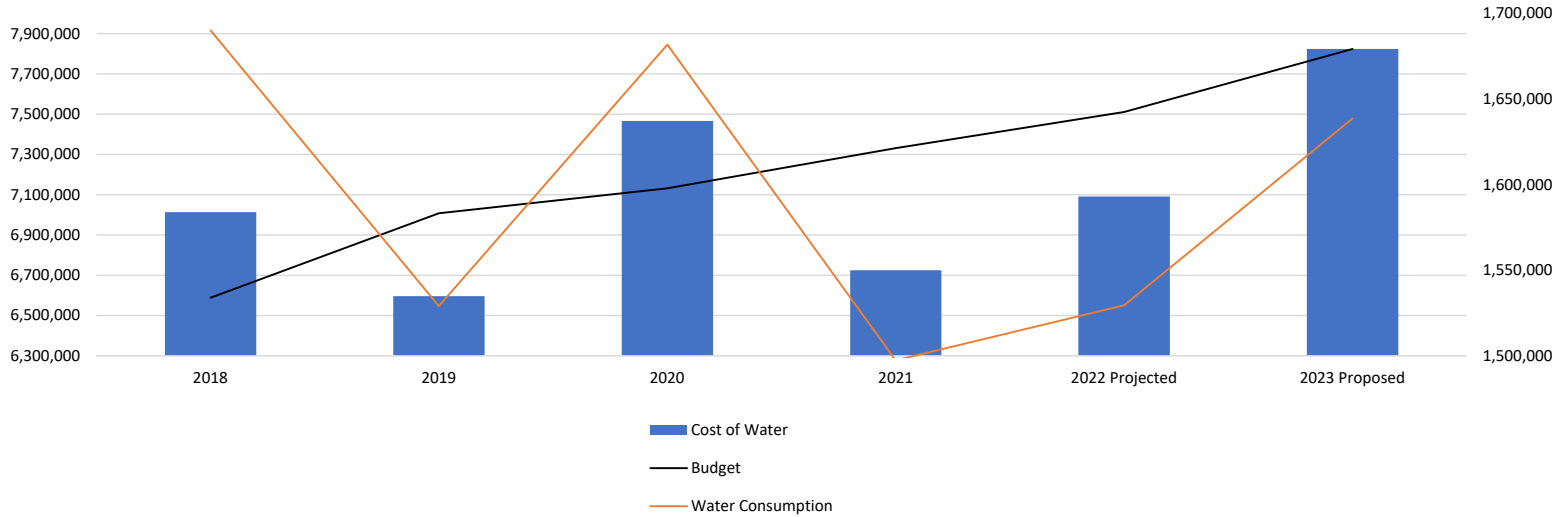
**Projected Use**

**Monthly Service Charge History**

2021 Increase	1.77%	\$9,898.92
2022 Increase	4.39%	\$10,333.68
2023 Increase	11.15%	\$11,485.56

2023 Projected Use	1,638,741
2023 Denver Water Rate	\$4.69
Subtotal Use Charges	\$7,685,696.49
2023 Denver Water Service Charge	\$137,826.72
<b>2023 Cost of Water</b>	<b>\$7,823,523.21</b>

Cost of Water



## Water Charge Calculation

-Suggested to pass through Denver Water rate increase of \$0.09 or 1.96%. With direction from the 10/25/2022 special meeting, applying an increase of \$0.40/thousand gallons to the capital reserve rate. This results in an overall increase to the water rate of 9.08%.

-Projected use and tier percentages are based on a 3-year average for each revenue class. Water rate increases are effective for water used after January 1<sup>st</sup>. The district bills in arrears causing a delay on when new rates are billed to customers. Commercial and multifamily customers are billed monthly, therefore, they will see the 2023 rate increase on their February statements (read dates 1/1/23 – 2/1/23). We have two residential cycles that are billed bi-monthly. Cycle 2 would see the rate increase on their March statement (read dates 1/1/23 – 3/1/23). Cycle 1 would see the rate increase on their April statement (read dates 2/1/23 – 4/1/23) because there is use in both 2022 and 2023 on their February statement.

-The method for the calculation of the water rates is revenue required, meaning, we calculate what the cost will be and adjust rates to cover that cost. This includes cost of water sold and 12.5% of employee salary, taxes, and benefits. With the suggested rates being applied the district would have a surplus of \$288,213 or 3.5%. Any surplus would be applied to capital reserves.

**Projected Use**

	Tier Percent	2022 Rate		2023 Rate	
		Jan-Feb	Tier Percent	Mar-Dec	
Residential Tier 1	97.259%	69,090	63.565%	530,638	
Residential Tier 2	2.653%	1,885	32.898%	274,631	
Residential Tier 3	0.088%	63	3.547%	29,610	
Irrigation Tier 1	100.000%	9	5.517%	3,916	
Irrigation Tier 2	0.000%	0	9.903%	7,030	
Irrigation Tier 3	0.000%	0	84.580%	60,042	
Commercial		7,571		201,958	
Multi-Family		23,551		372,024	
Denver Fed Center (St Anthony's)		2,479		33,905	
<b>Subtotal Period Use</b>		104,647		1,513,755	
<b>Total Projected Use</b>		<b>1,618,402</b>			

Water Charge Revenue	Water Rev/1,000		Cap. Res. Rev/1,000	
	Gallons	Water Revenue	Gallons	Cap. Res. Revenue
Residential Tier 1	\$4.89	\$2,926,454.19	\$1.03	\$617,720.34
Residential Tier 2	\$5.59	\$1,545,441.29	\$1.03	\$284,811.40
Residential Tier 3	\$6.37	\$189,002.22	\$1.03	\$30,562.92
Irrigation Tier 1	\$4.89	\$19,196.06	\$1.03	\$4,043.52
Irrigation Tier 2	\$5.59	\$39,297.44	\$1.03	\$7,240.85
Irrigation Tier 3	\$6.37	\$382,465.91	\$1.03	\$61,843.00
Commercial	\$5.59	\$1,170,132.13	\$1.03	\$215,814.98
Multi-Family	\$4.89	\$1,932,239.47	\$1.03	\$407,441.68
Denver Fed Center	\$5.96	\$216,403.74	\$1.03	\$37,475.75
<b>Total Water Revenue &amp; Water Capital Reserves</b>		<b>\$8,420,632</b>		<b>\$1,666,954</b>

**Water Cost**

Cost of Water	\$7,823,523
12.5% of Employee Costs	\$308,896
<b>Total Water Cost</b>	<b>\$8,132,420</b>

**Surplus/Loss** **\$288,213**

Water Charge	2022	2023	Increase
Residential Tier 1	\$5.43	\$5.92	\$0.09
Residential Tier 2	\$6.07	\$6.62	\$0.15
Residential Tier 3	\$6.79	\$7.40	\$0.21
Irrigation Tier 1	\$5.43	\$5.92	\$0.09
Irrigation Tier 2	\$6.07	\$6.62	\$0.15
Irrigation Tier 3	\$6.79	\$7.40	\$0.21
Commercial	\$6.07	\$6.62	\$0.15
Multi-Family	\$5.43	\$5.92	\$0.09
Denver Fed Center	\$6.41	\$6.99	\$0.18
<b>Capital Reserve Rate</b>	<b>\$0.63</b>	<b>\$1.03</b>	<b>\$0.40</b>

Percent Increase Based on Resid. Tier 1 **9.02%**  
 Percent Increase Resid. Tier 2 **9.06%**  
 Percent Increase Resid. Tier 3 **8.98%**  
 Percent Increase Denver Fed Center **9.05%**

**Water Use**

**Residential**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018	33,918	37,376	30,770	36,915	38,449	65,885	109,075	144,068	130,860	117,454	71,420	43,764	859,954	4.79
2019	33,857	37,498	30,443	34,368	34,701	50,738	74,629	118,956	140,090	139,485	80,161	43,762	818,688	5.00
2020	30,840	37,371	31,927	36,300	39,131	82,858	120,622	151,782	145,847	138,353	93,208	51,340	959,579	5.18
2021	34,877	38,375	31,001	35,426	34,655	43,302	84,129	139,513	138,898	139,654	96,934	48,781	865,545	5.25
2022	35,795	35,854	28,057	33,262	41,940	67,016	101,222	143,096	128,909	139,164	90,101	47,961	892,377	5.43
Est Use	33,837	37,200	30,328	34,996	38,575	64,392	101,991	144,797	137,885	139,057	93,414	49,361	905,834	
													Jan-Feb	71,037
													Mar-Dec	834,796

**Irrigation**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018	31	2	1	12	607	8,969	14,608	15,927	15,283	9,634	1,653	4	66,731	N/A
2019	31	2	1	6	422	3,758	12,545	13,450	17,821	12,821	1,629	55	62,541	5.00
2020	6	50	2	14	1,183	9,554	16,712	15,118	17,566	13,129	3,342	41	76,717	5.18
2021	15	19	124	57	290	2,787	12,554	16,046	17,114	14,687	2,832	38	66,563	5.25
2022	7	6	3	7	2,678	7,091	15,320	13,820	14,589	13,546	2,601	45	69,712	5.43
Est Use	9	25	43	26	1,384	6,477	14,862	14,995	16,423	13,787	2,925	41	70,997	
													Jan	9
													Feb-Dec	70,988

**Commercial**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018	9,362	9,592	9,353	10,732	11,156	21,079	30,425	35,868	37,297	26,311	14,563	9,067	224,805	5.34
2019	8,639	10,153	9,622	9,812	11,152	17,872	31,713	27,641	37,081	28,742	15,314	9,042	216,783	5.55
2020	8,874	10,923	8,877	8,203	6,397	17,827	29,737	29,690	31,227	28,633	13,449	6,555	200,392	5.77
2021	6,515	7,309	7,291	8,374	8,169	13,976	30,310	33,655	31,613	32,846	15,697	8,558	204,313	5.86
2022	7,323	7,988	6,640	7,909	14,183	22,171	33,317	32,902	38,504	30,074	14,820	8,052	223,882	6.07
Est Use	7,571	8,740	7,603	8,162	9,583	17,991	31,121	32,082	33,781	30,518	14,655	7,722	209,529	
													Jan	7,571
													Feb-Dec	201,958



**Multi-Family**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018	22,543	23,876	21,827	24,984	25,003	35,035	46,542	52,248	45,147	36,072	28,012	23,021	384,310	4.79
2019	22,474	25,479	23,008	22,166	23,873	28,362	42,334	36,185	49,851	39,722	30,249	22,420	366,123	5.00
2020	22,688	26,408	20,985	27,404	24,752	37,126	50,665	46,568	46,934	46,878	25,479	23,893	399,780	5.18
2021	24,938	25,075	21,402	25,385	21,814	29,385	47,176	47,799	45,774	46,612	28,139	24,927	388,426	5.25
2022	23,026	24,597	18,914	23,662	29,944	32,449	47,444	48,317	54,058	44,404	27,956	23,747	398,517	5.43
Est Use	23,551	25,360	20,434	25,484	25,503	32,987	48,428	47,561	48,922	45,965	27,191	24,189	395,574	

Jan 23,551  
Feb-Dec 372,024

**Denver Federal Center (St Anthony's)**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018	2,772	2,950	2,303	2,958	2,803	3,552	3,666	4,115	3,846	3,968	2,930	2,489	38,352	5.67
2019	2,568	2,931	2,786	2,683	3,124	3,373	4,202	3,685	4,581	3,661	3,281	2,624	39,499	5.88
2020	2,591	3,121	2,388	2,588	2,127	2,821	4,056	3,586	2,355	5,286	2,934	2,340	36,193	6.10
2021	2,223	2,390	1,950	2,713	2,412	2,798	3,835	3,932	3,556	3,552	2,880	2,988	35,229	6.19
2022	2,623	2,452	2,122	2,573	3,093	2,623	3,810	4,273	4,313	4,166	3,032	2,651	37,731	6.41
Est Use	2,479	2,654	2,153	2,625	2,544	2,747	3,900	3,930	3,408	4,335	2,949	2,660	36,384	

Jan 2,479  
Feb-Dec 33,905

**Projected Use**

## Sewer Charge Calculation

-As directed at the 10/25/2022 special meeting, this draft shows an increase to the capital reserve rate built into the sewer rates of \$0.40/thousand gallons. The overall increase to the sewer charge would be 9.8%.

-Projected use is based on a 3-year average for each revenue class. Sewer rate increases are effective January 1<sup>st</sup>. All customers will see any rate increase on their first bill of the year. Residential customer's sewer consumption is based on the prior year's winter water use. New residential customers who do not have prior winter history are billed at the district average of 9,000 gallons until they have established history. For commercial and multifamily customers that have a separate irrigation meter, sewer is billed on actual water consumption. Commercial and multifamily customers that **do not** have a separate irrigation meter are billed the same as a residential customer using the prior year's winter use.

-The method for the calculation of the sewer rates is revenue required, meaning, we calculate what the cost will be and adjust rates to cover that cost. This includes MWR sewer treatment, Alameda Water & Sanitation sewer flow, and 12.5% of employee salary, taxes, and benefits. With the suggested rates being applied the district would have a surplus of \$130,260 or 4.3%. Any surplus would be applied to capital reserves.

## Sewer Charge Calculation

### Projected Use

#### 2022 Projected Use

Residential	429,379
Commercial	136,192
Multi-Family	238,925
Solterra	55,200
Bancroft Clover	1,788
<b>Total Projected Use</b>	<b>861,484</b>

Sewer Charge Revenue	Sewer Rev/1,000		Cap. Res. Rev/1,000	
	Gallons	Sewer Revenue	Gallons	Cap. Res. Revenue
Residential	\$3.42	\$1,468,475.04	\$1.07	\$459,435.17
Commercial	\$3.83	\$521,617.06	\$1.07	\$145,725.92
Multi-Family	\$3.83	\$915,081.47	\$1.07	\$255,649.39
Solterra Sewer Revenue	\$4.44	\$245,088.00	\$1.07	\$59,064.00
Tamarisk Lift Station Surcharge		\$12,084.00		
Bancroft Clover Sewer Revenue	\$3.42	\$6,114.96	\$1.07	\$1,913.16
<b>Total Sewer Revenue &amp; Sewer Capital Reserves</b>		<b>\$3,168,461</b>		<b>\$921,788</b>

### Sewer Cost

MWR Sewer Treatment	\$2,679,304
Alameda Water & Sanitation Sewer Flow	\$50,000
12.5% of Employee Costs	\$308,896
<b>Total Sewer Cost</b>	<b>\$3,038,200</b>

**Surplus/Loss** **\$130,260**

Sewer Charge	2022	2023	Increase
Residential	\$4.09	\$4.49	\$0.00
Commercial	\$4.50	\$4.90	\$0.00
Multi-Family	\$4.50	\$4.90	\$0.00
Solterra	\$5.11	\$5.61	\$0.00
Bancroft Clover	\$4.09	\$4.49	\$0.00
<b>Capital Reserve Rate</b>	\$0.67	\$1.07	\$0.40
<b>Total Rate Increase</b>			<b>\$0.40</b>

Percent Increase Based on Residential **9.8%**  
 Percent Increase Comm/MF **8.9%**  
 Percent Increase Solterra **9.8%**

IGA Rate is 1.25xResidential Rate

**Sewer Use**

**Residential**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018	39,706	38,629	39,641	38,768	39,632	38,913	39,629	39,187	39,532	39,349	39,544	39,394	471,924	3.35
2019	34,093	37,343	34,170	37,458	34,203	37,525	34,240	37,653	34,239	37,780	34,337	37,907	430,948	3.53
2020	34,129	37,271	34,147	37,320	34,150	37,524	34,269	37,526	34,352	37,687	34,370	37,644	430,389	3.75
2021	31,262	37,558	31,449	37,584	31,367	37,725	31,582	37,728	31,558	37,898	31,630	38,038	415,379	3.77
2022	34,993	38,497	35,094	38,640	35,139	38,676	35,007	38,744	35,178	38,700	35,000	38,700	442,368	4.09
Est Use	33,461	37,775	33,563	37,848	33,552	37,975	33,619	37,999	33,696	38,095	33,667	38,127	429,379	

**Commercial**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018	12,485	12,536	11,375	13,050	12,143	14,479	15,277	16,530	16,357	13,667	12,626	11,590	162,115	3.70
2019	11,112	12,025	11,801	11,874	12,055	12,925	14,276	12,692	14,490	12,661	12,234	10,876	149,021	3.88
2020	11,291	12,650	11,114	10,948	9,341	10,600	13,100	12,685	11,469	14,583	11,235	10,384	139,400	4.13
2021	10,483	10,719	9,933	11,243	10,800	11,230	13,366	13,409	12,733	12,729	11,568	11,452	139,665	4.15
2022	9,110	9,210	8,151	9,673	10,747	9,737	12,205	12,129	12,643	13,324	11,679	10,904	129,512	4.50
Est Use	10,295	10,860	9,733	10,621	10,296	10,522	12,890	12,741	12,282	13,545	11,494	10,913	136,192	

**Multi-Family**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018	19,815	20,399	19,580	20,748	19,847	21,714	21,526	22,265	21,922	20,110	21,451	20,329	249,706	3.70
2019	19,037	19,933	19,343	18,994	19,303	20,023	20,573	18,392	20,563	19,555	18,288	17,334	231,338	3.88
2020	19,328	20,636	18,760	20,817	19,680	19,843	20,465	19,056	19,225	21,065	18,769	19,729	237,373	4.13
2021	19,473	19,504	18,521	19,756	18,555	19,369	19,924	19,254	18,743	19,373	19,630	19,624	231,726	4.15
2022	21,100	21,654	18,507	21,297	22,092	20,058	21,873	21,243	22,062	19,998	18,896	18,896	247,675	4.50
Est Use	19,967	20,598	18,596	20,623	20,109	19,757	20,754	19,851	20,010	20,145	19,098	19,416	238,925	

**Solterra**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018	4,005	4,005	4,005	4,195	4,195	4,195	4,228	4,228	4,228	4,237	4,237	4,237	49,995	4.19
2019	4,242	4,242	4,242	4,188	4,188	4,188	4,193	4,193	4,193	4,237	4,237	4,237	50,580	4.41
2020	3,747	3,747	3,747	3,744	3,744	3,744	3,744	3,744	3,744	3,798	3,798	3,798	45,099	4.69
2021	4,289	4,289	4,289	4,321	4,321	4,321	4,333	4,333	4,333	4,369	4,369	4,369	51,936	4.71
2022	4,841	4,841	4,841	4,923	4,923	4,923	4,967	4,967	4,967	4,967	4,967	4,967	59,094	5.11
2023	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	55,200	

**Bancroft Clover**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Use	Rate per 1,000G
2018		1,803											1,803	3.35
2019		1,662											1,662	3.53
2020		1,920											1,920	3.75
2021		1,752											1,752	3.77
2022		1,692											1,692	4.09
Est Use		1,788											1,788	

## Service Fee Calculation

-Suggested increase of \$0.20/month/SFRE (Single Family Residential Equivalent) or 1.22%. The service fee would be \$16.55/month/SFRE.

-9,569 total residential SFRE. Residential customers are billed bi-monthly. Increase of \$0.40 per bill.

-7,389 total multifamily SFRE. Multifamily customers are billed monthly. 1 unit = 1 SFRE.

-1,604 total commercial SFRE. Commercial customers are billed monthly. Commercial SFRE are based on meter size.

-1,271 total Solterra SFRE. Solterra is billed quarterly for sewer only per the IGA. The service fee calculation per the IGA is  $\$16.55 \times 1.25 \times 0.36 = \$7.45$  per month.

-The method for the calculation of the service fee is revenue required, meaning, we calculate what the cost will be and adjust rates to cover that cost. The cost includes 75% of employee salary, taxes, & benefits, office expense, utilities, repair maintenance/office & grounds expense, legal expense, contracted labor, property & liability insurance, automobile expense, engineering, lobbyist expense, audit expense, cost of meters sold/supplies, director fees, and UNCC locates. With the suggested rates being applied the district would have a minimal loss of \$1,273 or 0.03%. Any loss is absorbed by surplus from other rate revenues.

**Service Fee Calculation**

	<b>2022</b>	<b>2023</b>	<b>Percent Increase</b>
Based on Service Fee/Month/SFRE of	16.35	<b>\$16.55</b>	<b>1.22%</b>

**Residential**

2 Month Billing  
\$16.55 x 2=\$33.10

Meter Size	SFRE	# of Customers	Total SFRE	Service Fee	Service Fee Income
5/8"	1	9,019	9,019	\$33.10	\$1,791,173.40
3/4"	1	414	414	\$33.10	\$82,220.40
Duplex	2	68	136	\$33.10	\$27,009.60
<b>9,569</b>					<b>\$1,900,403.40</b>

**Multi-Family**

# of Units	SFRE	# of Buildings	Total SFRE	Service Fee	Service Fee Income
2	2	62	124	\$16.55	\$24,626.40
3	3	5	15	\$16.55	\$2,979.00
4	4	67	268	\$16.55	\$53,224.80
5	5	7	35	\$16.55	\$6,951.00
6	6	6	36	\$16.55	\$7,149.60
7	7	2	14	\$16.55	\$2,780.40
8	8	22	176	\$16.55	\$34,953.60
10	10	15	150	\$16.55	\$29,790.00
12	12	9	108	\$16.55	\$21,448.80
14	14	25	350	\$16.55	\$69,510.00
15	15	11	165	\$16.55	\$32,769.00
16	16	9	144	\$16.55	\$28,598.40
18	18	25	450	\$16.55	\$89,370.00
20	20	7	140	\$16.55	\$27,804.00
22	22	6	132	\$16.55	\$26,215.20
23	23	7	161	\$16.55	\$31,974.60
24	24	54	1,296	\$16.55	\$257,385.60
25	25	8	200	\$16.55	\$39,720.00
29	29	2	58	\$16.55	\$11,518.80
30	30	5	150	\$16.55	\$29,790.00
36	36	13	468	\$16.55	\$92,944.80
40	40	4	160	\$16.55	\$31,776.00
41	41	1	41	\$16.55	\$8,142.60
42	42	1	42	\$16.55	\$8,341.20
48	48	1	48	\$16.55	\$9,532.80
60	60	1	60	\$16.55	\$11,916.00
65	65	1	65	\$16.55	\$12,909.00
118	118	1	118	\$16.55	\$23,434.80
132	132	1	132	\$16.55	\$26,215.20
204	204	1	204	\$16.55	\$40,514.40
251	251	1	251	\$16.55	\$49,848.60
254	254	1	254	\$16.55	\$50,444.40
267	267	1	267	\$16.55	\$53,026.20
344	344	1	344	\$16.55	\$68,318.40
363	363	1	363	\$16.55	\$48,061.20
400	400	1	400	\$16.55	\$79,440.00
<b>7,389</b>					<b>\$1,443,424.80</b>

**Commercial**

Meter Size	SFRE	# of Customers	Total SFRE	Service Fee	Service Fee Income
5/8"	1	42	42	\$16.55	\$8,341.20
3/4"	1	102	102	\$16.55	\$20,393.20
1"	2	108	216	\$16.55	\$42,897.60
1.5"	4	65	260	\$16.55	\$51,636.00
2"	8	41	328	\$16.55	\$65,140.80
3"	18	25	450	\$16.55	\$89,370.00
4"	36	2	72	\$16.55	\$14,299.20
6"	67	2	134	\$16.55	\$26,612.40
<b>1,604</b>					<b>\$318,690.40</b>

Based on Service Fee/Month/SFRE of **\$7.45**

**Solterra**

Meter Size	SFRE	# of Customers	Total SFRE	Service Fee	Service Fee Income
5/8"	1	1,241	1,241	\$7.45	\$110,908.17
1"	2	11	22	\$7.45	\$1,966.14
1.5"	4	2	8	\$7.45	\$714.96
<b>1,271</b>					<b>\$113,589.27</b>

**Fireline SC**

Fireline Size	# of Customers	Fireline SC	Service Fee Income
1"-4"	85	\$8.00	\$8,160.00
6"	26	\$15.00	\$4,680.00
8"	2	\$25.00	\$600.00
<b>\$13,440.00</b>			

**Total Service Fee Income**

**\$3,789,547.87**

## Service Fee Summary

<b>Operating Expenses</b>	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>Inc/Dec</b>
<b>75% of Employee Costs</b>	\$1,824,837	\$1,853,378	\$28,541
Office	499,050	517,200	18,150
Utilities	366,510	361,450	(5,060)
District Repair/Mtn & Grounds	257,000	231,500	(25,500)
Legal	200,000	200,000	0
Contracted Labor	197,000	227,500	30,500
Insurance	134,769	150,393	15,624
Automobile	100,000	125,800	25,800
Engineering	95,000	145,000	50,000
Lobbyist	0	30,000	30,000
Audit	16,000	16,500	500
Meters(Sold & Replacement Costs)	15,000	15,000	0
Directors Fees	9,600	12,000	2,400
UNCC Locates	6,000	8,500	2,500
District Manager Consulting	66,000	0	(66,000)
<b>Total Operating Expenses</b>	<b>\$3,786,766</b>	<b>\$3,894,221</b>	\$107,455
<b>Service Fee Revenues</b>			
	<i>\$16.35 Service Fee</i>	<i>\$16.55 Service Fee</i>	
Residential 9,569 SFRE	\$1,879,596	\$1,900,403	\$20,807
Multi-Family 7,389 SFRE	1,378,501	1,443,425	64,924
Commercial 1,604 SFRE	316,274	318,690	2,416
Solterra 1,271	107,537	113,589	6,052
Fireline SC	13,620	13,440	(180)
<b>Total Service Fee Revenues</b>	<b>\$3,695,528</b>	<b>\$3,789,548</b>	\$94,020
<b>Miscellaneous Income</b>			
Miscellaneous Income	\$86,200	\$101,900	\$15,700
Meter Sales		0	0
Water/Sewer Inspection Fees	4,500	1,500	(3,000)
<b>Total Miscellaneous Income</b>	<b>\$90,700</b>	<b>\$103,400</b>	\$12,700

**Surplus/Loss**

**(\$1,273)**



## Employee Expense Summary

-Proposed overall increase to Employee Expense of 1.56%.

-Proposed salary increase of 4%.

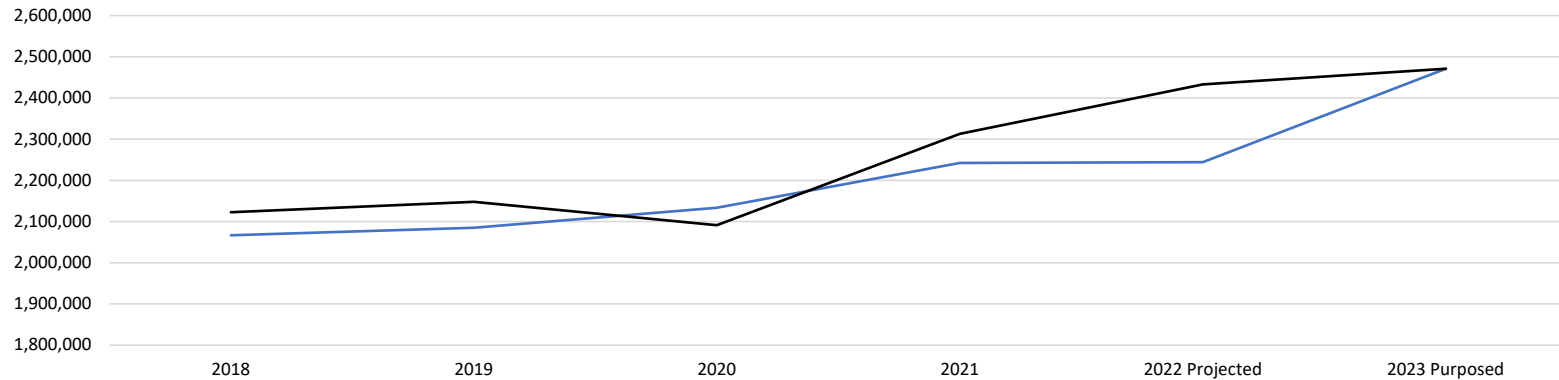
-Increase of 4.5% to medical insurance premiums. 4.7% for dental insurance premiums. Typical annual increases to insurance premiums range from 5-7%.

-On-call pay is set for a 5-man crew to be on-call for after hour/weekend emergencies. One member of the crew is responsible for answering & responding to all calls for that week and coordinating with the rest of the crew if necessary. It is proposed to only increase the main contact's per day pay from \$30 to \$50 for weekdays.

**Employee Expense Summary 2021/2022/2023**

Expense Account	2021 Budgeted	2021 Actuals	2022 Budgeted	2022 Projected	2023 Proposed	2022 Budget v.
						2023 Budget
Payroll-Staff	\$1,448,713	\$1,463,426	\$1,526,419	\$1,425,000	\$1,552,442	\$26,023.11
On Call Pay	\$65,150	\$65,150	\$65,150	\$65,150	\$70,200	\$5,050.00
Overtime Pay	\$70,000	\$61,574	\$70,000	\$60,000	\$70,000	\$0.00
GPS Summer Help	\$10,000	\$0	\$10,000	\$0	\$10,000	\$0.00
Bonus Fund	\$12,000	\$12,000	\$24,000	\$24,000	\$12,000	(\$12,000.00)
<b>Total Payroll</b>	<b>\$1,605,863</b>	<b>\$1,602,150</b>	<b>\$1,695,569</b>	<b>\$1,574,150</b>	<b>\$1,714,642</b>	\$19,073.11
Social Security/Medicare/SUTA	\$122,849	\$116,345	\$129,711	\$120,000	\$131,170	\$1,459.12
PERA	\$226,329	\$204,656	\$237,697	\$228,000	\$250,799	\$13,102.18
Insurance	\$326,723	\$288,029	\$339,138	\$312,000	\$343,559	\$4,421.41
Insurance Reimbursement Pool	\$31,000	\$31,000	\$31,000	\$10,000	\$31,000	\$0.00
<b>Total Taxes &amp; Benefits</b>	<b>\$706,901</b>	<b>\$640,030</b>	<b>\$737,546</b>	<b>\$670,000</b>	<b>\$756,529</b>	\$18,982.72
<b>Total Payroll, Taxes &amp; Benefits</b>	<b>\$2,312,764</b>	<b>\$2,242,180</b>	<b>\$2,433,115</b>	<b>\$2,244,150</b>	<b>\$2,471,171</b>	\$38,055.83

Employee Cost



2018 - Retirement of 2 Long Term Supervisors.  
 2019 - Contracted District Manager Services.  
 2020/2021 - New District Manager Hired June 2020.  
 2022 - New District Manager Hired March 2022. One vacant position through March, and another through July.

— Actual — Budget

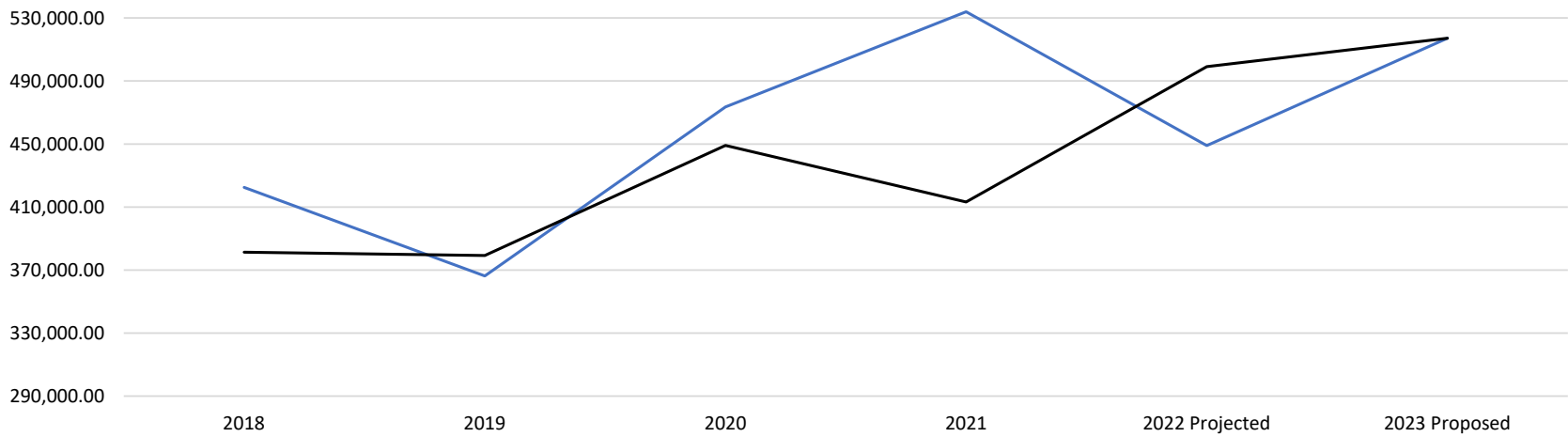
## Office Expense

- Increase to computer & printer repairs/parts as multiple machines reaching end of life.
- Decrease in conference/seminars/training classes due to utilizing a multitude of free webinar training that emerged since the pandemic and CSD pool training included with our insurance premiums.
- Maintenance/Service Agreement
  - Badger Meter is high due to 16% annual maintenance/cloud backup/tech support for 10-year service paid upfront when endpoints are purchased. Once all endpoints are installed this will no longer be an expense.
  - IT Consultants provide support and management assistance, on-call services, and hardware and software solutions.
  - Annual increases for Microsoft Office, Paychex, Safe Systems, and UMS.
  - Xerox shows a decrease due to downsizing the printer to better fit our needs and negotiating a new lease.

## Office Expense

	2022 Budget	2023 Budget	Inc/Dec
<b>Advertising</b>	300	300	0
<b>Bank Fees/Credit Card Fees</b>	90,000	92,000	2,000
<b>Bill Printing</b>	9,600	9,600	0
<b>Computer &amp; Printer Repairs/Parts</b>	10,000	15,000	5,000
<b>Conferences/Seminars/Training Classes</b>	15,000	10,000	(5,000)
<b>Dues</b>			
CO Dept of Public Health (Safe Drinking Water)	1,000	1,000	
Employers Council	4,000	1,500	
Miscellaneous Dues	1,000	1,000	
Special District Association- CO	1,500	1,500	
Technical Advisory Committee	4,000	4,000	
	11,500	9,000	(2,500)
<b>Education/Outreach</b>	4,000	4,000	0
<b>Elections</b>	90,000	90,000	0
<b>Maintenance/Service Agreements</b>			
Badger (Meter User & Mobile Read License)	47,000	47,000	
Berret Pest Control	600	600	
Digicert (Security Webportal)	1,500	1,500	
DW Inspection Systems (TV Van Support)	8,500	8,500	
Elements (Work Management)	16,000	16,500	
IT Consultants (Cloud Backup/Firewall/PC & Server Management)	41,900	46,250	
ESRI (ArcGIS Enterprise Standard & Maintenance)	6,500	6,500	
JAMF Software (Mobile Device Management)	350	1,000	
Microsoft Licenses x34-Ram Computer	8,400	10,000	
PayChex (Payroll & Time Keeping)	20,000	30,000	
Rocky Mountain Reserve FSA/DCA Admin	1,950	1,950	
Safe Systems Security Monitoring (11 Sites)	10,500	11,250	
Tokay (Backflow)	850	850	
UMS (Billing & Customer Web Portal)	18,200	20,000	
USPS	300	300	
Vectors (GPS)	2,700	2,700	
Windows Server Data Center/Standard Server & SQL	3,550	3,550	
Xerox	10,000	7,000	
YB Solutions (Website Hosting)	3,600	3,600	
	202,400	219,050	16,650
<b>Mandatory Employee Tests</b>	5,000	5,000	0
<b>Miscellaneous Expense</b>	12,000	12,000	0
<b>Phone/Tablet Accessories/Supplies</b>	5,000	5,000	0
<b>Postage</b>			
Billing Postage	25,500	25,500	
Education/Outreach Postage	5,500	5,500	
Fed EX/UPS Shipping	500	500	
Stamps	2,750	2,750	
	34,250	34,250	0
<b>Safety Program</b>	3,000	3,000	0
<b>Software &amp; Updates</b>	4,000	6,000	2,000
<b>Supplies</b>	3,000	3,000	0
<b>Total Office Expense</b>	<b>499,050</b>	<b>517,200</b>	<b>18,150</b>

### Office Expense



2018 - First All Mail-in Ballot Election. Began 10 Year Cell Service & Backup for LTE Transmitter  
2020 - Mail-in Ballot Election  
2021 - Unbudgeted recall election  
2022 - Regular Election year. Fell short on endpoints orders due to supply chain issues.  
2023 - Regular Election year.

— Actual      — Budget

## Utilities

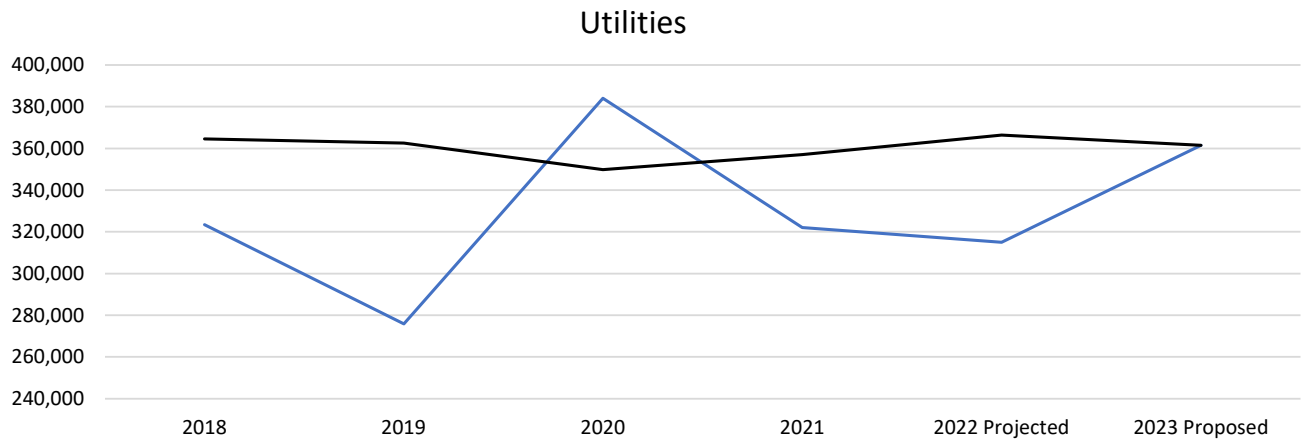
-Increase to answering service (Sound Telecom) due to the need of having emergency locate calls sent during the day to on-call technician instead of only after hour/weekend.

-2022 projected well below budget due to realized solar credit bank balances being applied to multiple premises. Over the 73 month period since the district has been enrolled in the 2 solar gardens, a realized savings of 5.77% has been observed.

-2022 saw high water use and the need for additional pumping and will still come in under budget. There is no need to increase the utility budget for 2023.

## Utilities

	2022 Budget	2023 Budget	Inc/Dec
<b>Office</b>			
Comcast	10,000	10,000	0
Junction Networks/New Cloud (Phones)	6,500	6,750	250
Sound Telecom	2,500	3,500	1,000
T-Mobile	19,200	19,200	0
Xcel	13,000	13,000	0
<b>Subtotal Office</b>	<b>51,200</b>	<b>52,450</b>	
<b>Blue Zone</b>	<b>48,500</b>	<b>40,000</b>	<b>(8,500)</b>
<b>Brown Zone</b>	<b>14,400</b>	<b>18,000</b>	<b>3,600</b>
<b>Green Zone</b>	<b>79,875</b>	<b>80,000</b>	<b>125</b>
<b>Pink Zone</b>	<b>58,000</b>	<b>69,000</b>	<b>11,000</b>
<b>Red Zone</b>	<b>39,535</b>	<b>22,500</b>	<b>(17,035)</b>
<b>Sewer Lift Stations</b>	<b>10,000</b>	<b>10,500</b>	<b>500</b>
<b>Yellow Zone</b>	<b>65,000</b>	<b>69,000</b>	<b>4,000</b>
<b>Total Utilities</b>	<b>366,510</b>	<b>361,450</b>	<b>(5,060)</b>



2019 - Received payment of built up solar credits of \$36,516.98.  
 2020 - Vey high water use especially in the summer which resulted in increased pumping and the time of use rate surcharge from Xcel.

— Actual  
 — Budget

## Property & Liability Insurance

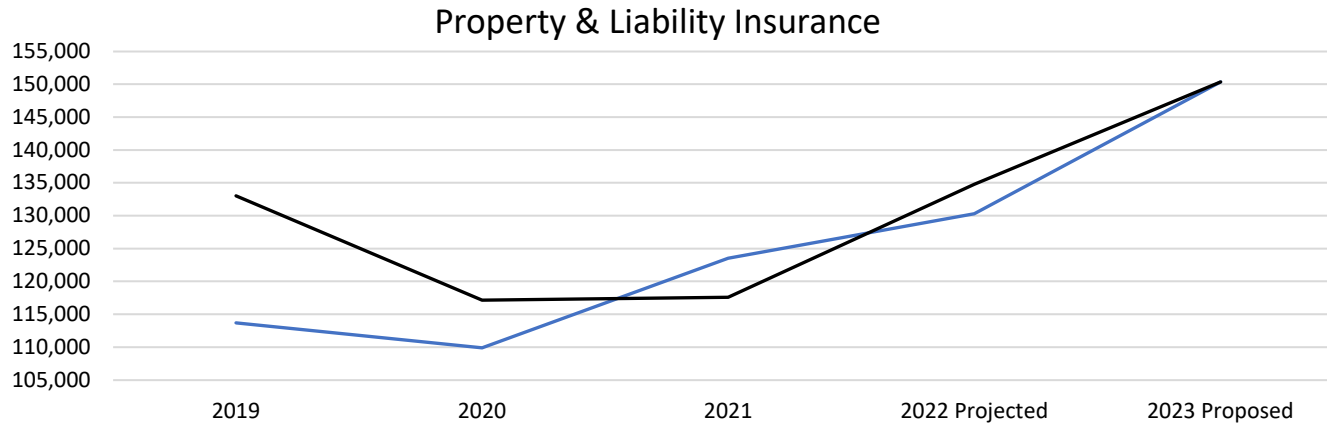
- Estimates for property & liability insurance as well as workers' compensation insurance come from our carrier CSD Pool. Actual costs will not be available until underwriting has been completed.
- Projected increase of 11.34% for property & liability. This is without any changes to coverage.
- Projected increase of 12.6% for workers' compensation.



## Property & Liability Insurance

	2022 Projected	2022 Budget	2023 Budget	Inc/Dec
<b>Workers' Compensation</b>	23,062	<b>27,823</b>	<b>31,320</b>	3,497
<b>General Liability</b>	48,275	<b>49,550</b>	<b>51,599</b>	2,049
<b>Property</b>	36,109	<b>34,740</b>	<b>45,971</b>	11,231
<b>Auto</b>	19,613	<b>19,431</b>	<b>18,211</b>	(1,220)
<b>Public Officials</b>	3,227	<b>3,225</b>	<b>3,292</b>	67
<b>Total Insurance</b>	130,286	<b>134,769</b>	<b>150,393</b>	15,624

2023 Based on CSD pool estimates



2019-2020 - District took advantage of new discounts offered through the pool. Discounts included training courses, sewer maintenance schedule, safety equipment reimbursements.

2022 - 16% value increase to property due to increased cost of construction. General liability based off annual operating expenses. Member wide rate increase for workers' comp due to adverse loss in recent years.

2023 - 11.34% increase to property/liability insurance. 12.6% increase to workers' comp.

— Actual  
— Budget

## Auto Expense

-Increase in fuel cost due to high prices. Although they have come down from the record highs, they are still historically high.

-2022 Ford F550 will have higher maintenance cost than the vehicle it replaced.

-2008 T800 Kenworth had extensive troubleshooting and work done in 2022. Service calls for this unit range anywhere from \$3,000 to \$23,000.

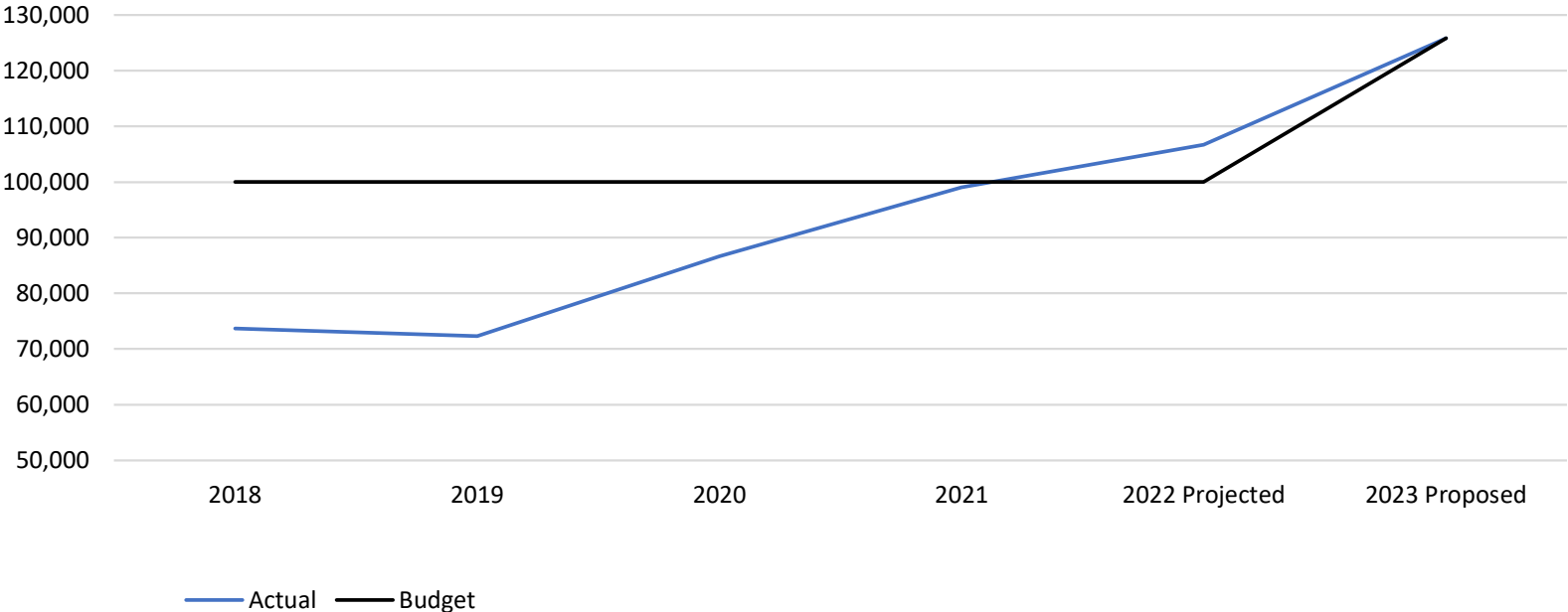
-2019 T880 Vac Truck service parts have increased.

-Addition of JD 50G Mini Excavator.

## Auto Expense

	Mileage/Hours	2022 Budget	2023 Budget	Inc/Dec
<b>Gasoline</b>		<b>40,000</b>	<b>50,000</b>	10,000
<b>Unit 1-2016 Ford F150</b>	<b>46,950</b>	<b>500</b>	<b>500</b>	0
<b>Unit 2-2003 T300 Kenworth</b>	<b>32,264</b>	<b>2,500</b>	<b>2,500</b>	0
<b>Unit 3-2017 Ford Explorer</b>	<b>11,082</b>	<b>300</b>	<b>300</b>	0
<b>Unit 4-2018 Ford F150</b>	<b>26,430</b>	<b>250</b>	<b>250</b>	0
<b>Unit 5-2018 Ford F150</b>	<b>36,945</b>	<b>250</b>	<b>250</b>	0
<b>Unit 6-2017 Ford F150</b>	<b>48,712</b>	<b>500</b>	<b>500</b>	0
<b>Unit 7-2022 Ford F550</b>	<b>233</b>	<b>1,000</b>	<b>5,000</b>	4,000
<b>Unit 8-2008 T800 Kenworth</b>	<b>36,592/2,414</b>	<b>4,000</b>	<b>10,000</b>	6,000
<b>Unit 9-Backhoe</b>	<b>623</b>	<b>2,500</b>	<b>2,500</b>	0
<b>Unit 10-Utility/Svc F350 2014</b>	<b>74,494</b>	<b>500</b>	<b>1,000</b>	500
<b>Unit 11-Skidsteer</b>	<b>788</b>	<b>800</b>	<b>800</b>	0
<b>Unit 12-1999 Air Compressor</b>	<b>256</b>	<b>100</b>	<b>100</b>	0
<b>Unit 13-1999 Onan Generator</b>	<b>1,128</b>	<b>150</b>	<b>150</b>	0
<b>Unit 14-Repair Trailer</b>		<b>1,000</b>	<b>1,000</b>	0
<b>Unit 15-JD Generator Tamarisk</b>	<b>669</b>	<b>1,000</b>	<b>1,000</b>	0
<b>Unit 16-Union Ridge LS Gen</b>	<b>535</b>	<b>1,000</b>	<b>1,000</b>	0
<b>Unit 17-Flat Bed Trailer</b>		<b>200</b>	<b>200</b>	0
<b>Unit 18-2018 F150</b>	<b>49,590</b>	<b>1,500</b>	<b>1,500</b>	0
<b>Unit 19-2004 Arrow Trailer</b>		<b>50</b>	<b>50</b>	0
<b>Unit 20-2019 Kenworth T880 Vac</b>	<b>10,038/2,005</b>	<b>9,200</b>	<b>12,000</b>	2,800
<b>Unit 21-2013 GMC TV Van</b>	<b>21,537/1,833/3,679</b>	<b>7,500</b>	<b>5,000</b>	<b>(2,500)</b>
<b>Unit 23-Trail King Trailer</b>		<b>200</b>	<b>200</b>	0
<b>Unit 24-2016 Ford F150</b>	<b>60,975</b>	<b>1,200</b>	<b>1,200</b>	0
<b>Unit 25-Welding Trailer</b>	<b>69</b>	<b>100</b>	<b>100</b>	0
<b>Unit 26-JD 410-G Backhoe</b>	<b>2,786</b>	<b>5,000</b>	<b>5,000</b>	0
<b>Unit 27-2015 Ford F350</b>	<b>45,243</b>	<b>1,300</b>	<b>1,300</b>	0
<b>Unit 28-2017 F350 Ford Truck</b>	<b>26,410</b>	<b>500</b>	<b>500</b>	0
<b>Unit 29-Point Repair Trailer</b>		<b>200</b>	<b>200</b>	0
<b>Unit 30-2019 F450 Valve Truck</b>	<b>11,864</b>	<b>2,000</b>	<b>2,000</b>	0
<b>Unit 31-Hydrant Trailer</b>		<b>200</b>	<b>200</b>	0
<b>Unit 32-Utah PS Generator</b>	<b>519</b>	<b>1,250</b>	<b>1,250</b>	0
<b>Unit 33-Independence Generator</b>	<b>395</b>	<b>1,250</b>	<b>1,250</b>	0
<b>Unit 34-2012 F-350</b>	<b>59,814</b>	<b>1,000</b>	<b>1,000</b>	0
<b>Unit 35-2016 F150</b>	<b>49,611</b>	<b>500</b>	<b>500</b>	0
<b>Unit 36-2015 F350</b>	<b>49,739</b>	<b>500</b>	<b>500</b>	0
<b>Unit 37-2016 CumminsGen Virg PS</b>	<b>238</b>	<b>500</b>	<b>500</b>	0
<b>Unit 38-JD 50G Mini Excavator</b>	<b>8</b>	<b>0</b>	<b>5,000</b>	5,000
<b>Shop Tools</b>		<b>9,500</b>	<b>9,500</b>	0
<b>Total Auto</b>		<b>100,000</b>	<b>125,800</b>	<b>25,800</b>

### Auto Expense



## Repairs/Maintenance & Grounds

-No change to Repairs/Maintenance. Common parts are being replenished when used (albeit not immediately due to supply chain issues). Any additional stock needed has been ordered and will be here before the end of 2022.

-Landscaping is increasing because of the need for refurbishment to the Red PS site. The edging for the walking paths have become a safety hazard due to lifting out of the ground exposing sharp edges. There is 1,880' of edging that needs to be replaced and updated with newer anchors style to eliminate lifting issue. The path has sunk and would need a top layer of breeze added. Most of the mulch has blown away and the garden has many bare spots. This can be done over 2 years which has been reflected in the budget.

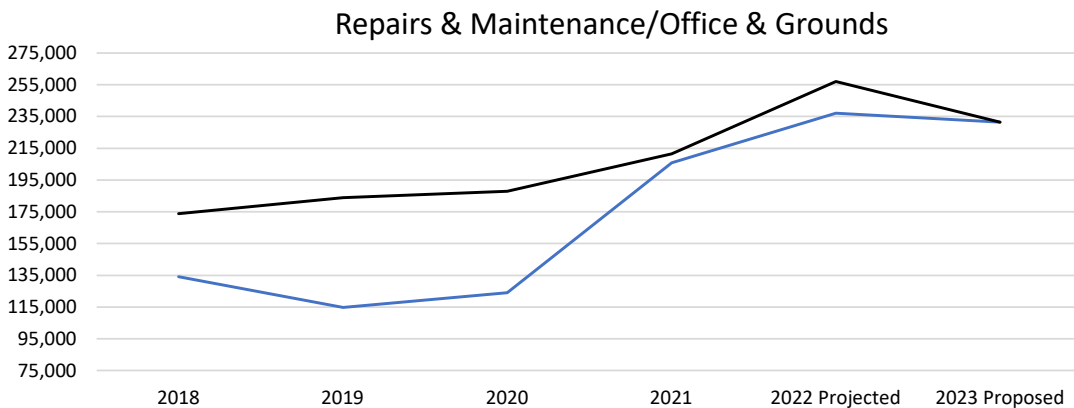
-That site has grass and xeriscaping covering 2 tanks. Since no chemicals can be used for weed control all weeds must be picked by hand. The property is 0.78 acres and takes a crew to maintain.

-Propose adding the district office for regular landscape maintenance. Services would include weekly mowing/trimmer/edging, monthly maintenance of the front garden, and weed control for all rock beds from the parking lot to the property line.

### District Repairs/Maintenance & Grounds

	2022 Budget	2023 Budget	Inc/Dec
<b>District Repairs/Maintenance</b>			
Backflow	2,000	2,000	0
Contingency	15,000	15,000	0
Crew Clothing/Gloves/etc.	10,000	10,000	0
Disposal Fees	11,000	11,000	0
Gravel/Squeegee/Dirt	12,000	12,000	0
Hydrants	11,000	11,000	0
Lift Station Maintenance	2,500	2,500	0
Miscellaneous Tools & Supplies	17,000	17,000	0
PRV Maintenance	10,000	10,000	0
Pump Station Maintenance	10,000	10,000	0
Sewer-Point Repair	5,000	5,000	0
Sewer-Repair Parts	2,000	2,000	0
Sewer-Top Hat	5,000	5,000	0
Tank Cleaning Supplies	2,500	2,500	0
Valves/Blow Off Valves	10,000	10,000	0
Water Supplies	25,000	25,000	0
<b>Total District Repairs/Maintenance</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>

	2022 Budget	2023 Budget	Inc/Dec
<b>Office &amp; Grounds</b>			
Landscaping	16,000	39,000	23,000
Miscellaneous Office Repairs	80,000	30,000	(50,000)
Office Cleaning	6,500	6,500	0
Trash/Recycling Services	4,500	6,000	1,500
<b>Total Office &amp; Grounds</b>	<b>107,000</b>	<b>81,500</b>	<b>(25,500)</b>



2021 - Added \$25,000 for HVAC project.

2022 - Increase HVAC project to \$70,000 based on only bid received.

2023 - Landscaping increase due to refurbishment of Red PS garden.

— Actual

— Budget

## Contracted Labor

-Increase to asphalt patching due to rising costs of material and service.

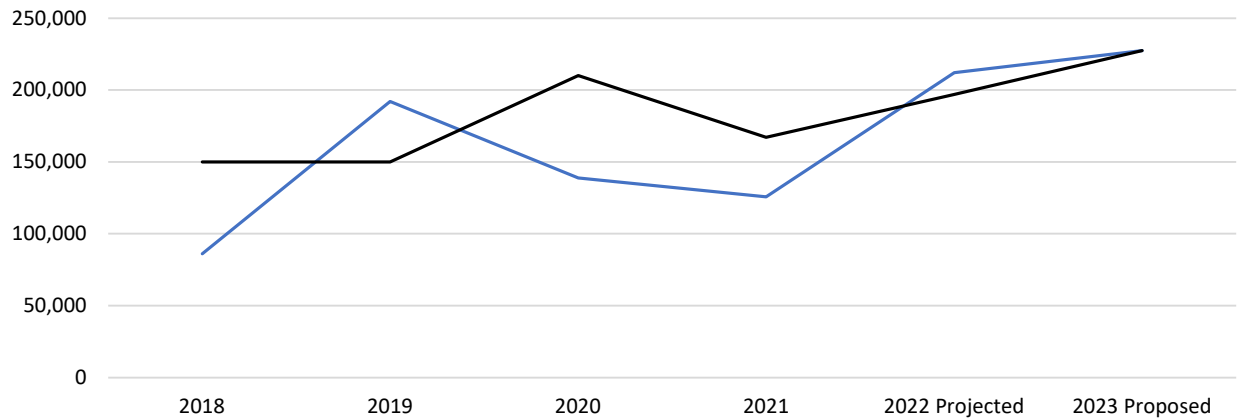
-Server work includes IT and security consultation, software development and implementation, and emergency services.

-Increase to sewer contract labor. Through CCTV inspection some areas have been identified as needing to be lined. Instead of doing a spot repair (typically 4'-6'), field staff believes it would be more beneficial to line manhole to manhole. This would be done to prevent removal of spot repair when full lining is needed. If the spot repair is left while lining, the inside diameter of the pipe will restrict capacity.

## Contracted Labor

	2022 Budget	2023 Budget	Inc/Dec
<b>Asphalt Patching</b>	<b>80,000</b>	<b>85,000</b>	5,000
<b>Elements Requests</b>	<b>10,000</b>	<b>10,000</b>	0
<b>Field Survey Service</b>	<b>5,000</b>	<b>5,000</b>	0
<b>Miscellaneous Work</b>	<b>5,000</b>	<b>5,000</b>	0
<b>Remediation Services</b>	<b>15,000</b>	<b>15,000</b>	0
<b>SCADA Service Work</b>	<b>25,000</b>	<b>25,000</b>	0
<b>Server Work</b>	<b>40,000</b>	<b>45,000</b>	5,000
<b>Sewer Contracted Labor</b>	<b>15,000</b>	<b>35,000</b>	20,000
<b>Tank Inspection</b>	<b>2,000</b>	<b>2,500</b>	500
<b>Total Contracted Repairs &amp; Labor</b>	<b>197,000</b>	<b>227,500</b>	30,500

Contracted Repairs & Labor



2019 - Main break at Union & Mississippi caused excessive damage. to the street and sidewalks. Total cost to repair asphalt, sidewalk, curb & gutter was \$98,429.07 for this break alone.  
 2022 - Additional \$30,000 added to server work.  
 2023 - Additional \$20,000 for sewer manhole to manhole lining.

— Actual  
 — Budget



**Micellaneous Income**

	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>Inc/Dec</b>
Hydrant Permit Fee	800	800	0
Insufficient Funds Fee	400	400	0
Penalties (Late Fee)	50,000	70,000	20,000
Set Up Fee	3,000	1,000	(2,000)
Sewer Permit Fee	4,250	5,000	750
Shut Off Fee	7,500	4,450	(3,050)
Transfer Fee	20,250	20,250	0
<b>Total Miscellaneous Income</b>	<b>86,200</b>	<b>101,900</b>	<b>15,700</b>

**Lease Income**

	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>Inc/Dec</b>
Telos Tower Space Lease	2,400	2,400	0
<b>Total Lease Income</b>	<b>2,400</b>	<b>2,400</b>	<b>0</b>

**System Development**

	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>Inc/Dec</b>
Sewer SDF (20 Solterra Taps)	214,420	83,395	(131,025)
<b>Total System Development</b>	<b>214,420</b>	<b>83,395</b>	<b>(131,025)</b>

**Inspection Fees**

	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>Inc/Dec</b>
Inspection Fees (20 Solterra Taps)	3,000	1,500	(1,500)
<b>Total Inspection Fees</b>	<b>3,000</b>	<b>1,500</b>	<b>(1,500)</b>

**Interest Income 2023**

<b>Pool Investments &amp; Money Market</b>	<b>Interest Rate</b>	<b>Projected Balance 12/31/2022</b>	<b>Days Receivable</b>	<b>Estimated Interest Income 2023</b>
Csafe CASH	3.25%	872,917.00	365	28,370
Csafe CORE	3.25%	13,835,320.00	365	449,648
ColoTrust Plus	3.25%	3,898,478.00	365	126,701
1st Bank Sweep Account			EST	12,000
				<b>\$616,718</b>

# 2023 Capital Expenditures

## Capital Field Equipment

- GPS Trimble Collector**- Handheld collector, needed to maintain compliance with Denver Water's data collection standards. Projected to save \$30,000 in Denver Water collection fees in 2023, previous collection unit saved over \$300,000.00 in Denver Water collection fees.
- Sheepsfoot Roller** – Mechanical roller for dirt compaction.

## Capital Office & Grounds

- Security System Upgrade (11 Site)** – Premises security for upgrading and installing new hardware.
- Detached Server Building Design** – Building design for a new secondary storage and IT hardware space by renovating the existing structure located in the back of the main office.

## Capital Vehicles

- F-350 w/Service Bed** – Replacing Unit 10 due to mileage and age.
- F-150** – Replacing Unit 34 due to mileage and age.
- New CCTV Equipment** – Replacing due to age and poor service representation causing excessive downtime. Comparing 2 different units from different vendors with good local representation.

## Capital Office Equipment

- Server Replacement – Contingency** – Server replacement is a contingency fund in case of emergency hardware failure or disaster.
- ArcGIS Pro/Portal** – ArcGIS Pro/Portal is a mandatory version upgrade of our client/server environment for security, federated users, and modern software.

## System Improvements

- 2017 Cellular Endpoints** – Due to the supply chain and chip shortage issues, orders in 2022 were not able to be fulfilled. The district has 34% of endpoints needing to be replaced and they are all indoor meters.
- 2020 Sewer Improvements** – Ravine bridge stabilization adjusted for inflation. Access barriers for the 3 sewer crossing.
- 2021 System Improvements** – Projected remainder of the CIPP lining project. Work began fall of 2022.
- 2022 System Improvements** – Tamarisk Lift Station Improvement adjusted for inflation.
- 2023 System Improvements**
  1. Sewer Replacement Kentucky – Upsizing sewer line to address capacity issue brought to light from Wastewater Master Plan and CDM Smith review.
  2. Sewer Replacement Kipling – Re-routing sewer line to address capacity issue brought to light from Wastewater Master Plan and CDM Smith review. Cost sharing negotiations with developer are in progress.
  3. Pink Pump Station Generator – Provide pumping during power outages for critical area (ex. Hospital).
  4. Pump Station/Tank Battery Backup Banks – Will keep communication and tank levels available

during power outages. Needed at 4 pump stations and 2 tanks.

5. Tank Hatch Improvements – Updating hatches to CDPHE standards.

-**2024 System Improvements** – 2024 Improvements Design.

-**Contingency** – 10% of System Improvement Projects.

## 2023 Capital Expenditures

	2022 Budget	2023 Budget	Inc/Dec
<b>Capital Field Equipment</b>			
GPS Trimble Collector		45,000	
Sheepsfoot Roller - Mini Excavator		9,000	
<b>Total Capital Field Equipment</b>	<b>38,000</b>	<b>54,000</b>	16,000
<b>Capital Office &amp; Grounds</b>			
Security System Upgrade 11 Sites		80,000	
Detached Server Building Design		27,000	
<b>Total Capital Office &amp; Grounds</b>	<b>0</b>	<b>107,000</b>	107,000
<b>Capital Vehicles</b>			
F-350 w/Service Bed		73,000	
F-150		48,270	
New CCTV Equipment		265,000	
<b>Total Capital Vehicles</b>	<b>157,000</b>	<b>386,270</b>	229,270
<b>Capital Office Equipment</b>			
Server Replacement - Contingency		10,000	
ArcGIS Pro/ArcPortal		35,000	
<b>Total Capital Office Equipment</b>	<b>15,000</b>	<b>45,000</b>	30,000

<b>System Improvements</b>			
2017 Cellular Endpoints	<b>655,000</b>	<b>655,000</b>	0
2020 Sewer Improvements	<b>300,000</b>	<b>575,000</b>	275,000
<i>Ravine Bridge Stabilization</i>		450,000	
<i>Access Barriers for 3 Crossings</i>		125,000	
2021 System Improvements	<b>1,050,835</b>	<b>250,000</b>	<b>(800,835)</b>
<i>Bear Creek CIPP</i>		250,000	
2022 System Improvements	<b>497,000</b>	<b>700,000</b>	203,000
<i>Tamarisk Lift Station Improvement</i>		700,000	
2023 System Improvements	<b>0</b>	<b>1,695,000</b>	1,695,000
<i>Sewer Replacement - Kentucky</i>		890,000	
<i>Sewer Replacement - Kipling</i>		325,000	
<i>Pink Pump Station Generator</i>		300,000	
<i>Pump Station/Tank Battery Backup Banks</i>		100,000	
<i>Tank Hatch Improvements</i>		80,000	
2024 System Improvements	<b>0</b>	<b>75,000</b>	75,000
<i>2024 Design</i>		75,000	
Contingency	<b>250,000</b>	<b>395,000</b>	145,000
<b>Total 2023 System Improvements</b>	<b>2,752,835</b>	<b>4,345,000</b>	1,592,165
<b>Total 2023 Capital Expenditures</b>	<b>2,962,835</b>	<b>4,937,270</b>	1,974,435