



San Antonio Water Company
Annual Operating & Capital Improvement Budget

Fiscal Year Ending December 31, 2022

Adopted December 1, 2021

General Manager's Message

Dear Board of Directors and Shareholders,

I am pleased to present you with the recommended budget for Fiscal Year 2022 (FY2022). We begin the year in a healthy financial position with the fiscal resources available to continue providing high quality service, continue advancing infrastructure replacement, while maintaining emergency reserves. Given the current financial health of the Company, no rate increases are projected for the foreseeable future.

As presented for FY2022, budget revenue is projected to be \$5.37M and expenditures are projected to be \$5.61M. Expenditures include all expected operating, non-operating and capital costs for the next year.

The Company's anticipated operating (non-capital) expenses total \$3.14M, an 2% decrease over the previous year's budget. The reduction is primarily a result of scaling back legal expenses directly related to Chino Basin Watermaster activity.

Staff recommends keeping Company entitlement at 13,000 acre-feet. Operating revenue is expected to decrease slightly from prior year, for a total of \$5.37M. This decrease acknowledges municipal water sales will miss entitlement due to low canyon surface water flow. Setting the entitlement at 13,000 acre-feet assumes that rainfall will not be impacted by the projected La Niña atmospheric condition again projected for the 2022 winter. La Niña conditions can reduce local rainfall. The Company currently has about 10,000 acre-feet in groundwater storage, which will help offset any reduction in rainfall in 2022.

Water sales account for 92% of the company's revenue; funding operations and a large chunk of capital projects (pipes, pumps and tanks). Remaining revenue comes from the sale of surplus property, lease income and interest income.

The Company's anticipated capital expenses total \$2.47M. Projects scheduled for 2022 include a pipeline replacement, construction of a potable water reservoir, design and preliminary work on a new well and a feasibility study for a 1.0 MGD treatment plant and financial contribution in a cloud seeding feasibility study.

In addition to replacement of capital facilities the Company is continuing a multi-year review of Company administration and operation facilities, identifying Company facility needs and how to efficiently meet those needs. Money for the facility review is expected to come from the sale of surplus property, not rates. Any construction as a result of the facility assessment is not anticipated to begin any earlier than 2023.

Our year-end review shows an approximately \$6.1M balance in the Company's capital and operating reserves. As mentioned earlier, the Company is proposing to accelerate the replacement of pipes, pumps and tanks above expected water sales revenue over the next few years. To that end, our 2022 budget relies on the use of approximately \$240k of our reserve funds for infrastructure replacement. At the end of 2022 remaining reserves available for emergency use should total about \$5.8M.

I would like to thank every staff member of SAWCo for their hard work and dedication over the last year. They are truly this company's most important asset. I remain thankful to the community for their input, both Committees for their efforts, and the full Board for providing both the vision and guidance necessary as we respond to the ever-changing challenges facing this Company.



2022 Quick Data

- Annual Entitlement..... 13,000 acre-feet
(No change from 2021)
- Total Company Shares as of January 1, 2022 6,389 shares
- Active Shares as of January 1, 2022 6,178 shares
(inactive shares are those shares currently not taking entitlement water)
- Yearly 2022 entitlement per share 2.035 acre-feet
- Total 2022 active share entitlement 12,570 acre-feet

- Estimated 2022 Water Production, by source:
 - Surface Water 4,425 acre-feet
 - Chino Groundwater Basin 1,232 acre-feet
 - Cucamonga Groundwater Basin 5,981 acre-feet
 - Six Basins Groundwater Basin 932 acre-feet
 - TOTAL 12,570 acre-feet

- Projected 2022 Revenue:
 - Shareholder \$4,931,000
 - Non-shareholder \$441,000
 - TOTAL \$5,372,000

- Projected 2022 Expenses:
 - Operations and Maintenance (\$1,774,000)
 - General Administrative (\$1,370,000)
 - TOTAL (\$3,144,000)

- Projected 2022 Capital Expenses (\$2,468,000)

- Projected 2022 Revenue minus Expenses (-\$240,000)

- Reserves:
 - Cash on Deposit as of September 2021 \$6,046,000
 - Projected CoD as of December 2021 \$6,100,000
 - Projected CoD as of December 2022 \$5,845,000

Company at a Glance

ORGANIZATIONAL

San Antonio Water Company (SAWCo) is a California mutual water company organized under California Corporations Code 14300, regulated under the United States Environmental Protection Agency (USEPA) Safe Drinking Water Act, monitored by the State of California through the Water Code & Health and Safety Code. We also report to the San Bernardino Local Agency Formation Commission (LAFCo).

The Company does not import any water. Instead we are dependent on our local San Antonio Canyon watershed and groundwater basins. Utilizing local water sources dramatically keeps costs down but also increases the risk associated with long term drought. Currently, our shareholders include most residents of the unincorporated area of San Antonio Heights, the Cities of Upland and Ontario, the Monte Vista Water District, the US Forest Service, the San Bernardino County Flood Control District, local quarries and the proud heritage of remaining local grove irrigators.

HEADCOUNT

The Company's vision is to be an organization that defines excellence in delivering high quality water in a cost-effective manner by meeting shareholder needs and entitlements. We will lead the way for water agencies in the region by developing key strategic partnerships, making maximum use of water capture and delivery facilities and technologies, and attracting high caliber employees by being a recognized employer of choice in the field.

None of this vision would be possible without an innovative, self-managed staff that has pride of ownership for their work product while providing exceptional service. This is all done currently with 9 full-time and 1 part-time employees.

Changes in 2022

- Office: One employee left the company. The job duties of that position are being evaluated for possible reclassification.
- Field: Three employees left the company. Three employees were hired. At the end of the year there was no change in head-count.

STRATEGIC PLAN

In 2015, the Company went through a strategic planning process and out of this process, the following goals were developed:

- Evaluate and Prioritize Projects for Supply Maximization
- Develop Strategic Partnerships Initiate and Further Joint Projects
- Invest in Technology
- Define SAWCo's Assets & Needs
- Develop the Workforce of the Future
- Improve Internal Relationships

In 2022 the Company plans to continue reaching towards our goals by the following actions:

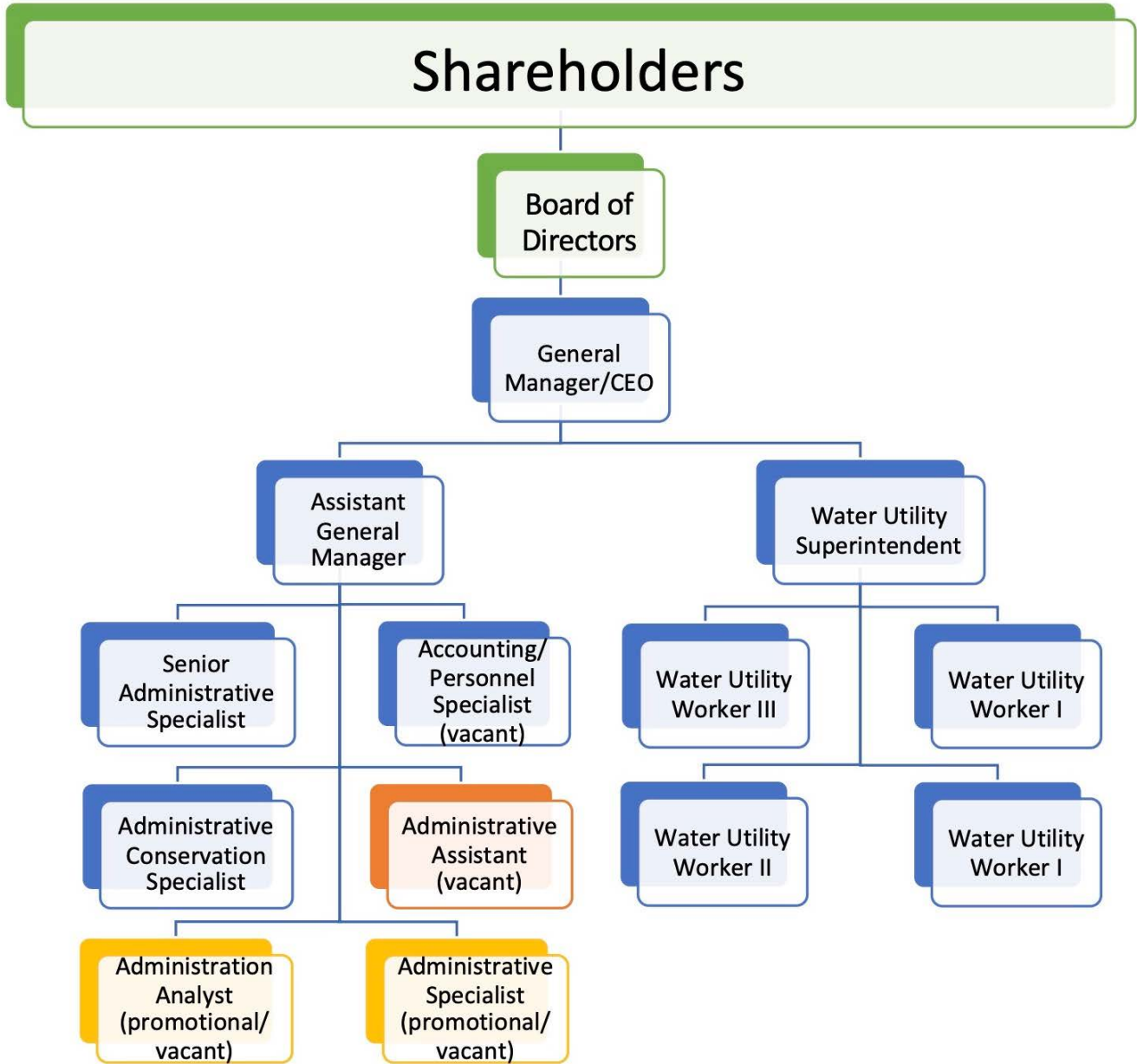
Evaluate and Prioritize Projects for Supply Maximization – Staff is completing a 2020 Water Master Plan Update. This update will evaluate and prioritize projects for supply maximization. The process will include public participation and we strongly encourage our shareholders to participate.

Develop Strategic Partnerships to Initiate and Further Joint Projects – Staff continues to reach-out and build relationships with the different shareholders. We will continue to discuss joint projects that may be beneficial to our shareholders. The Master Plan update may uncover future possibilities.

Define SAWCo's Assets & Needs – The company continues to take on additional responsibilities with limited staff and space. In order to meet these needs, staff is utilizing outside consultants and adjusting priorities. The office is currently not up to seismic code nor is it ADA compliant. To correct these deficiencies would be costly for a building that is over 90 years old. In 2015, the Board formed a committee to start the process of relocating the office and yard into one facility at a property the Company already owns. In 2022, the Company is continuing to address the limited space, safety for its employees, and functionality for its shareholders and staff.

Develop the Workforce of the Future – Management continues to provide ongoing training for current employees and assess the needs of the company. Limited advancement opportunities due to our small staff and a perceived lower benefits package compared to local public water companies continue to hinder the recruitment process. The Company is currently attempting to obtain an eligibility letter from the Federal Government which would allow us to engage CalPERS [Public Employees Retirement System] to compare actual costs and benefits. In 2020, we hired a consultant to perform a benefit and comp study to keep us competitive with the current market.

Improve Relationships – Recent public conversations have exposed a need to improve the distribution of information to our shareholders and employees. It is apparent that misinformation needs to be curtailed and corrected. The Company will conduct a public outreach campaign intended to inform and solicit feedback from our shareholders and employees. Strong leadership will help to carry the company in one direction.



San Antonio Water Company

2021 ACCOMPLISHMENTS:

- Holly Drive Reservoir, Phase II
- Replaced all residential meters with advanced metering technology, allowing rapid notification of leaks and water consumption
- Reservoir 9 pipeline replacement project
- Frankish Tunnel Outfall Improvements
- Euclid Crescent Pipeline Replacement
- Linda Drive / Lamplighter Pipeline Replacement
- Primerose Lane Pipeline Replacement
- Booster 17 Modernization
- Installation of Domestic AMI Meters
- American Water Infrastructure Act (AWIA) Resiliency and Risk Assessment
- Demolition of abandoned Booster Stations 5 and 15
- Installation of Distribution Box safety covers (Edison and Main boxes)

2022 GOALS & OBJECTIVES:

- Revise and improve standard financial reports and reporting policy
- Holly Drive Reservoir, Phase III
- Pre-design of new 1 MGD water treatment facility
- Well 19 pilot hole and full well design
- Well 31 pipeline replacement
- Pre-design of new office/yard facilities

FINANCIALS

2022 OPERATING BUDGET OVERVIEW

		2022	2021	2021	2021	2020	2019
		<u>Budget</u>	<u>Budget</u>	<u>Actual thru June</u>	<u>Projected</u>	<u>Actual</u>	<u>Actual</u>
SHAREHOLDER REVENUE							
1185	1	Domestic Water Income (Base)	\$ 300,000	\$ 301,000	\$ 115,570	\$ 290,000	\$ 224,897
1215	3	Domestic Water Income (Supplemental)	\$ 150,000	\$ 148,000	\$ 108,340	\$ 171,000	\$ 173,314
1220	4	Domestic Water Income (Tier 3)	\$ 200,000	\$ 104,000	\$ 156,212	\$ 249,000	\$ 203,813
1230	2	Domestic Water Income (Readi/Chrg)	\$ 200,000	\$ 200,000	\$ 100,620	\$ 201,000	\$ 200,337
1235	5	Domestic Water Availability Charge (WAC)	\$ 61,000	\$ 60,000	\$ 30,597	\$ 61,000	\$ 61,112
1245	6	Municipal Water Income (Base)	\$ 3,100,000	\$ 3,100,000	\$ 1,319,409	\$ 2,639,000	\$ 2,846,680
1260	8	Municipal Water Income (Supplemental)	\$ -	\$ -	\$ -	\$ -	\$ -
1268	7	Municipal Water Income (Readi/Chrg)	\$ 80,000	\$ 80,000	\$ 38,900	\$ 78,000	\$ 82,050
1274	10	Municipal Water Availability Charge (WAC)	\$ 477,000	\$ 477,000	\$ 238,432	\$ 477,000	\$ 476,686
1275	12	Misc Water Income (Base)	\$ 200,000	\$ 220,000	\$ 85,677	\$ 200,000	\$ 185,750
1276	9	Misc Water Income (Supplemental)	\$ 50,000	\$ 126,000	\$ 3,626	\$ 7,000	\$ 141,262
1280	13	Misc Water Income (Tier 3)	\$ 5,000	\$ 15,000	\$ 48	\$ -	\$ 52,194
1288	11	Misc Water Income (Readi/Chrg)	\$ 23,000	\$ 23,000	\$ 11,560	\$ 23,000	\$ 23,070
1290	14	Misc Water Availability Charge (WAC)	\$ 23,000	\$ 24,000	\$ 11,532	\$ 23,000	\$ 23,064
1295	15	Dormant Water Availability Charge (WAC)	\$ 53,000	\$ 54,000	\$ 26,096	\$ 52,000	\$ 52,347
1302	16	Meter Service Fees (Connections)	\$ -	\$ -	\$ -	\$ -	\$ 3,881
1400	35	Stock Transfer	\$ 5,000	\$ 5,000	\$ 2,610	\$ 4,000	\$ 3,510
1405	38	Capital Facilities Connection Fee	\$ -	\$ -	\$ -	\$ -	\$ 10,725
1410	26	Late/Re-establishment Fee	\$ 4,000	\$ 4,000	\$ 305	\$ 1,000	\$ 6,235
1415	27	Drought Ordinance Violation Fee	\$ -	\$ -	\$ -	\$ -	\$ -
1420	33	Return Check Fee	\$ -	\$ -	\$ 25	\$ -	\$ 325
1425	28	Broken/Missing Lock Fee	\$ -	\$ -	\$ -	\$ -	\$ -
1430	30	Stock Certificate Storage & Handling Fee	\$ -	\$ -	\$ 120	\$ -	\$ 180
TOTAL			\$ 4,931,000	\$ 4,941,000	\$ 2,249,678	\$ 4,476,000	\$ 5,212,798
NON-SHAREHOLDER REVENUE							
1635	21	Development Plan Check Fee	\$ -	\$ -	\$ -	\$ -	\$ -
1725	23	Miscellaneous Income	\$ 2,000	\$ 2,000	\$ 6,269	\$ 6,000	\$ 1,684
1728	31	Plans & Spec Fee	\$ -	\$ -	\$ -	\$ 25	\$ -
1730	24	Construction Permit & Inspection	\$ -	\$ -	\$ -	\$ -	\$ -
1750	32	Service/Litigation Agreements	\$ -	\$ -	\$ 374	\$ 1,000	\$ 565
1753	18	Ground Lease Income	\$ 75,000	\$ 54,000	\$ 33,455	\$ 70,000	\$ 57,684
1755	17	Interest Income	\$ 20,000	\$ 90,000	\$ 10,149	\$ 16,000	\$ 79,848
1786		Unrealized Gain on 457B Investment	\$ -	\$ -	\$ -	\$ -	\$ 557
1875	22	Overhead Income	\$ -	\$ -	\$ -	\$ 852	\$ 1,322
37		Gain on Sale of Assets	\$ 344,000	\$ 344,000	\$ -	\$ 344,000	\$ 345,759
Subtotal:			\$ 441,000	\$ 490,000	\$ 50,247	\$ 437,000	\$ 487,419
DEPRECIATION & OBSOLESCENCE REVENUE							
1300	36	Water Sales from Stored G. W. [D&O Reserves]	\$ -	\$ -	\$ 180,000	\$ 180,000	\$ -
Subtotal:			\$ -	\$ -	\$ 180,000	\$ 180,000	\$ -
Revenue Total:			\$ 5,372,000	\$ 5,431,000	\$ 2,479,925	\$ 5,093,000	\$ 5,803,654

	2022	2021	2021	2021	2020	2019
	Budget	Budget	Actual thru June	Projected	Actual	Actual

FACILITIES & O&M EXPENSES

Operating Facilities

2175 20	Facility Related Field Labor	\$ 260,000	\$ 225,000	\$ 110,871	\$ 218,000	\$ 232,704	\$ 208,615
2235 21	Repairs to Facilities and Equipment	\$ 300,000	\$ 300,000	\$ 158,986	\$ 323,000	\$ 374,939	\$ 39,929
2265 22	Power-Gas & Electric (utilities)	\$ 650,000	\$ 600,000	\$ 262,199	\$ 630,000	\$ 627,010	\$ 611,563
Operating Facilities Total:		\$ 1,210,000	\$ 1,125,000	\$ 532,057	\$ 1,171,000	\$ 1,234,653	\$ 860,106

Operating Activities

2475 18	Customer Services/Billing	\$ 84,000	\$ 85,000	\$ 47,219	\$ 82,000	\$ 81,500	\$ 70,007
2498 19	Conservation Activities	\$ 16,000	\$ 20,000	\$ 8,870	\$ 16,000	\$ 7,587	\$ 21,565
Operating Activities Total:		\$ 100,000	\$ 105,000	\$ 56,089	\$ 98,000	\$ 89,087	\$ 91,572

Other Operating Expense

2205 24	Non-Facility Related Labor	\$ 70,000	\$ 75,000	\$ 28,177	\$ 56,000	\$ 69,173	\$ 76,155
2210 25	O&M - All Other	\$ 4,000	\$ 3,800	\$ 4,530	\$ 5,000	\$ 2,835	\$ 7,402
2280 26	Purchased Water	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2295 23	Supplies (Inventory & Tools Expense)	\$ 10,000	\$ 10,000	\$ 6,166	\$ 15,000	\$ 9,068	\$ 7,316
2715 28	Property Taxes	\$ 210,000	\$ 220,000	\$ 103,791	\$ 206,000	\$ 206,135	\$ 216,650
2805 27	Wtr. Resource Mgmt. (Basin Assm'ts)	\$ 170,000	\$ 200,000	\$ 32,255	\$ 168,000	\$ 167,200	\$ 127,134
2830	Loss on Disposal of Asset	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,899
2850 30	Inventory Shrinkage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Operating Expense Total:		\$ 464,000	\$ 508,800	\$ 174,919	\$ 450,000	\$ 454,410	\$ 434,656
O & M Expense Total:		\$ 1,774,000	\$ 1,738,800	\$ 763,065	\$ 1,719,000	\$ 1,778,150	\$ 1,386,334

GENERAL ADMINISTRATIVE EXPENSES

Personnel

2115 2	Administrative Services	\$ 300,000	\$ 290,000	\$ 143,615	\$ 279,000	\$ 283,521	\$ 293,365
2130 3	Development/Water Svc App	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ 240	\$ 502
2325 13	Taxes - Payroll (office and field)	\$ 80,000	\$ 80,000	\$ 39,713	\$ 79,000	\$ 70,908	\$ 68,841
2355 4	Worker's Compensation Insurance	\$ 15,000	\$ 15,000	\$ 4,484	\$ 15,000	\$ 15,053	\$ 15,798
2385 5	Benefit Pay (Vac., Sick, Etc.)	\$ 195,000	\$ 185,000	\$ 74,923	\$ 184,000	\$ 179,330	\$ 158,122
2415 6	Benefit Insurance (Pension, Life, Medical, Dental, Vision)	\$ 263,000	\$ 250,000	\$ 123,762	\$ 247,000	\$ 230,995	\$ 221,478
2430 7	Benefit Administrative Services	\$ 2,000	\$ 3,000	\$ 1,000	\$ 1,000	\$ 1,185	\$ 1,197
Personnel Total:		\$ 856,000	\$ 824,000	\$ 387,497	\$ 805,000	\$ 781,232	\$ 759,303

Other

2445 9	Office/ IT Support	\$ 70,000	\$ 63,000	\$ 21,087	\$ 42,000	\$ 62,552	\$ 72,064
2505 1	Directors Fees & Expenses	\$ 34,000	\$ 34,000	\$ 18,211	\$ 39,000	\$ 32,008	\$ 33,568
2535 11	Liability Insurance (Non-empl. benft.)	\$ 30,000	\$ 30,000	\$ 35,510	\$ 36,000	\$ 29,894	\$ 29,928
2595 14	Communications	\$ 40,000	\$ 40,000	\$ 27,140	\$ 63,000	\$ 46,688	\$ 66,245
2625 15	Dues & Subscriptions	\$ 3,000	\$ 3,000	\$ 1,278	\$ 2,000	\$ 2,758	\$ 3,396
2655 10	Outside Services	\$ 30,000	\$ 30,000	\$ 10,631	\$ 39,000	\$ 4,378	\$ 18,340
2745 12	Taxes - Income	\$ 12,000	\$ 14,000	\$ 11,856	\$ 12,000	\$ 12,000	\$ 11,905
2775 8	Accounting Expense	\$ 75,000	\$ 70,000	\$ 46,119	\$ 70,000	\$ 72,366	\$ 61,650
2276 8	Legal Expense	\$ 150,000	\$ 250,000	\$ 115,559	\$ 231,000	\$ 242,013	\$ 196,184
2790 16	Human Resource Expense	\$ 40,000	\$ 45,000	\$ 21,649	\$ 33,000	\$ 58,604	\$ 44,381
2865 17	All Other	\$ 30,000	\$ 35,000	\$ 6,540	\$ 13,000	\$ 27,512	\$ 31,636
Other Total:		\$ 514,000	\$ 614,000	\$ 315,580	\$ 580,000	\$ 590,771	\$ 569,297
G. & A. Expense Total:		\$ 1,370,000	\$ 1,438,000	\$ 703,076	\$ 1,385,000	\$ 1,372,003	\$ 1,328,600

Capital Expenditure

Facilities	\$ 2,258,000	\$ 3,156,000	\$ 2,860,649	\$ 3,190,000	\$ 1,079,637	\$ 1,769,544
Equipment/Studies/Reports	\$ 210,000	\$ 255,000	\$ 80,000	\$ 120,000	\$ -	\$ -
CIP Total:	\$ 2,468,000	\$ 3,411,000	\$ 2,940,649	\$ 3,310,000	\$ 1,079,637	\$ 1,769,544

Total Revenue:	\$ 5,372,000	\$ 5,431,000	\$ 2,479,925	\$ 5,093,000	\$ 5,803,654	\$ 5,258,851
Total Expenses excluding CIP:	\$ 3,144,000	\$ 3,176,800	\$ 1,466,142	\$ 3,104,000	\$ 3,150,154	\$ 2,714,935
Total Expenses including CIP:	\$ 5,612,000	\$ 6,587,800	\$ 4,406,791	\$ 6,414,000	\$ 4,229,790	\$ 4,484,478
Net Income without D&O funds:	\$ 2,228,000	\$ 2,254,200	\$ 833,784	\$ 1,809,000	\$ 2,545,021	\$ 2,543,916
Net Income with D&O funds:	\$ 2,228,000	\$ 2,254,200	\$ 1,013,784	\$ 1,989,000	\$ 2,653,501	\$ 2,543,916

2565 29	Depreciation	\$ 950,000	\$ 901,000	\$ 459,714	\$ 911,000	\$ 917,344	\$ 881,254
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Net income excluding Capital Expenditures less Depreciation	\$ 1,278,000	\$ 1,353,200	\$ 554,070	\$ 1,078,000	\$ 1,736,156	\$ 1,662,662
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	2022 <u>Budget</u>	2021 <u>Budget</u>	2021 <u>Actual thru June</u>	2021 <u>Projected</u>	2020 <u>Actual</u>	2019 <u>Actual</u>
Net income including Capital Expenditures less Depreciation	\$ (1,190,000)	\$ (2,057,800)	\$ (2,386,579)	\$ (2,232,000)	\$ 656,520	\$ (106,881)
Net income including Capital Expenditures	\$ (240,000)	\$ (1,156,800)	\$ (2,106,865)	\$ (1,501,000)	\$ 1,465,384	\$ 774,373
Net income including Capital Expenditures less NSR	\$ (681,000)	\$ (1,646,800)	\$ (2,157,112)	\$ (1,938,000)	\$ 983,007	\$ 286,954

2022 MONTHLY REVENUE VS EXPENSES

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Projected Revenue	\$ 308,099	\$ 313,549	\$ 278,499	\$ 283,749	\$ 435,299	\$ 600,549	\$ 606,599	\$ 553,249	\$ 506,599	\$ 414,949	\$ 371,999	\$ 695,049	\$ 5,368,188
Projected Operating Expenses	\$ (221,097)	\$ (203,592)	\$ (341,119)	\$ (243,592)	\$ (218,732)	\$ (233,522)	\$ (233,592)	\$ (248,892)	\$ (258,432)	\$ (255,452)	\$ (315,864)	\$ (370,117)	\$ (3,144,000)
Projected CIP Expenses	\$ (30,000)	\$ (73,000)	\$ (302,500)	\$ (200,500)	\$ (110,000)	\$ (233,500)	\$ (180,000)	\$ (326,500)	\$ (313,000)	\$ (309,000)	\$ (180,000)	\$ -	\$ (2,258,000)
Projected Delta	\$ 57,002	\$ 36,957	\$ (365,120)	\$ (160,343)	\$ 106,567	\$ 133,527	\$ 193,007	\$ (22,143)	\$ (64,833)	\$ (149,503)	\$ (123,865)	\$ 324,932	
Water Sales Revenue	\$ 295,932	\$ 301,382	\$ 266,332	\$ 271,582	\$ 423,132	\$ 588,382	\$ 594,432	\$ 541,082	\$ 494,432	\$ 402,782	\$ 359,832	\$ 338,882	\$ 4,878,184
Non-Water Sales Revenue	\$ 12,167	\$ 12,167	\$ 12,167	\$ 12,167	\$ 12,167	\$ 12,167	\$ 12,167	\$ 12,167	\$ 12,167	\$ 12,167	\$ 12,167	\$ 356,167	\$ 490,004
Personel Expenses	\$ (84,167)	\$ (67,592)	\$ (67,592)	\$ (67,592)	\$ (67,732)	\$ (67,592)	\$ (67,592)	\$ (67,592)	\$ (67,592)	\$ (69,452)	\$ (67,592)	\$ (93,917)	\$ (856,000)
Other Expenses	\$ (37,203)	\$ (36,273)	\$ (68,800)	\$ (66,273)	\$ (36,273)	\$ (41,203)	\$ (36,273)	\$ (36,573)	\$ (41,113)	\$ (36,273)	\$ (36,273)	\$ (41,473)	\$ (514,000)
Operating Expenses	\$ (99,727)	\$ (99,727)	\$ (204,727)	\$ (109,727)	\$ (114,727)	\$ (124,727)	\$ (129,727)	\$ (144,727)	\$ (149,727)	\$ (149,727)	\$ (212,000)	\$ (234,727)	\$ (1,774,000)
Capital Expenses	\$ (30,000)	\$ (73,000)	\$ (302,500)	\$ (200,500)	\$ (110,000)	\$ (233,500)	\$ (180,000)	\$ (326,500)	\$ (313,000)	\$ (309,000)	\$ (180,000)	\$ -	\$ (2,258,000)
	\$ 57,002	\$ 36,957	\$ (365,120)	\$ (160,343)	\$ 106,567	\$ 133,527	\$ 193,007	\$ (22,143)	\$ (64,833)	\$ (149,503)	\$ (123,865)	\$ 324,932	\$ (33,812)

2022 OPERATING BUDGET REVENUE

		2021												TOTAL
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
SHAREHOLDER REVENUE														
1185	1 Domestic Water Income (Base)	\$ 14,200	\$ 15,400	\$ 14,200	\$ 14,700	\$ 26,500	\$ 33,200	\$ 35,500	\$ 37,900	\$ 37,900	\$ 28,400	\$ 23,700	\$ 19,000	\$ 300,600
1215	3 Domestic Water Income (Supplemental)	\$ 7,000	\$ 7,600	\$ 7,000	\$ 7,200	\$ 13,000	\$ 16,300	\$ 17,400	\$ 18,600	\$ 18,600	\$ 14,000	\$ 11,600	\$ 9,300	\$ 147,600
1220	4 Domestic Water Income (Tier 3)	\$ 4,900	\$ 5,400	\$ 4,900	\$ 5,100	\$ 9,200	\$ 11,500	\$ 12,300	\$ 13,200	\$ 13,200	\$ 9,900	\$ 8,200	\$ 6,600	\$ 104,400
1230	2 Domestic Water Income (Readi/Chrg)	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 200,400
1235	5 Domestic Water Availability Charge (WAC)	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 60,000
1245	6 Municipal Water Income (Base)	\$ 173,600	\$ 173,600	\$ 144,000	\$ 144,000	\$ 264,800	\$ 412,900	\$ 412,900	\$ 353,700	\$ 309,200	\$ 238,700	\$ 209,100	\$ 202,000	\$ 3,038,500
1260	8 Municipal Water Income (Supplemental)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1268	7 Municipal Water Income (Readi/Chrg)	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 79,800
1276	9 Municipal Water Availability Charge (WAC)	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 476,784
1274	10 Misc Water Income (Base)	\$ 7,700	\$ 10,100	\$ 7,700	\$ 11,300	\$ 21,100	\$ 25,200	\$ 27,800	\$ 28,400	\$ 27,000	\$ 22,500	\$ 18,700	\$ 12,700	\$ 220,200
1275	12 Misc Water Income (Supplemental)	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 126,000
1280	13 Misc Water Income (Tier 3)	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 15,000
1288	11 Misc Water Income (Readi/Chrg)	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 22,800
1290	14 Misc Water Availability Charge (WAC)	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 24,000
1295	15 Dormant Water Availability Charge (WAC)	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 54,000
1302	16 Meter Service Fees (Connections)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1400	35 Stock Transfer	\$ -	\$ 750	\$ -	\$ 750	\$ -	\$ 750	\$ -	\$ 750	\$ -	\$ 750	\$ -	\$ 750	\$ 4,500
1405	38 Capital Facilities Connection Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1410	26 Late/Re-establishment Fee	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 3,600
1415	27 Drought Ordinance Violation Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1420	33 Return Check Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1425	28 Broken/Missing Lock Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1430	30 Stock Certificate Storage & Handling Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal:	\$ 295,932	\$ 301,382	\$ 266,332	\$ 271,582	\$ 423,132	\$ 588,382	\$ 594,432	\$ 541,082	\$ 494,432	\$ 402,782	\$ 359,832	\$ 338,882	\$ 4,878,184
NON-SHAREHOLDER REVENUE														
1635	21 Development Plan Check Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1725	23 Miscellaneous Income	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 2,004.00
1728	31 Plans & Spec Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1730	24 Construction Permit & Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1750	32 Service/Litigation Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1753	18 Ground Lease Income	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 54,000.00
1755	17 Interest Income	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 90,000.00
1875	22 Overhead Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37	Gain on Sale of Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 344,000	\$ 344,000.00
	Subtotal:	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 356,167.00	\$ 490,004.00
DEPRECIATION & OBSOLESCENCE REVENUE														
1300	36 Water Sales from Stored G. W. [D&O Reserves]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Revenue Total:	\$ 308,099	\$ 313,549	\$ 278,499	\$ 283,749	\$ 435,299	\$ 600,549	\$ 606,599	\$ 553,249	\$ 506,599	\$ 414,949	\$ 371,999	\$ 695,049	\$ 5,368,188

2022 OPERATING BUDGET EXPENSES

		2020												TOTAL	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
FACILITIES & O&M EXPENSES															
Operating Facilities															
2175	20	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 21,666.67	\$ 260,000.00
2235	21	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 300,000.00
2265	22	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 40,000.00	\$ 45,000.00	\$ 55,000.00	\$ 60,000.00	\$ 75,000.00	\$ 80,000.00	\$ 80,000.00	\$ 85,000.00	\$ 60,000.00	\$ 60,000.00	\$ 650,000.00
Operating Facilities Total:		\$ 76,666.67	\$ 76,666.67	\$ 76,666.67	\$ 86,666.67	\$ 91,666.67	\$ 101,666.67	\$ 106,666.67	\$ 121,666.67	\$ 126,666.67	\$ 126,666.67	\$ 111,666.67	\$ 106,666.67	\$ 1,210,000.00	
Operating Activities															
2475	18	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 84,000.00	
2498	19	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 16,000.00	
Operating Activities Total:		\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 8,333.33	\$ 100,000.00	
Other Operating Expense															
2205	24	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 70,000.00	
2210	25	\$ 333.33	\$ 333.33	\$ 333.33	\$ 333.33	\$ 333.33	\$ 333.33	\$ 333.33	\$ 333.33	\$ 333.33	\$ 333.33	\$ 333.33	\$ 333.33	\$ 4,000.00	
2280	26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2295	23	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 10,000.00	
2715	28	\$ -	\$ -	\$ 105,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 105,000.00	
2805	27	\$ 7,727.27	\$ 7,727.27	\$ 7,727.27	\$ 7,727.27	\$ 7,727.27	\$ 7,727.27	\$ 7,727.27	\$ 7,727.27	\$ 7,727.27	\$ 7,727.27	\$ 85,000.00	\$ 7,727.27	\$ 170,000.00	
2850	30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Operating Expense Total:		\$ 14,727.27	\$ 14,727.27	\$ 119,727.27	\$ 14,727.27	\$ 14,727.27	\$ 14,727.27	\$ 14,727.27	\$ 14,727.27	\$ 14,727.27	\$ 14,727.27	\$ 92,000.00	\$ 119,727.27	\$ 464,000.00	
O & M Expense Total:		\$ 99,727.27	\$ 99,727.27	\$ 204,727.27	\$ 109,727.27	\$ 114,727.27	\$ 124,727.27	\$ 129,727.27	\$ 144,727.27	\$ 149,727.27	\$ 149,727.27	\$ 212,000.00	\$ 234,727.27	\$ 1,774,000.00	
GENERAL ADMINISTRATIVE EXPENSES															
Personnel															
2115	2	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 300,000.00	
2130	3	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 1,000.00	
2325	13	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 6,666.67	\$ 80,000.00	
2355	4	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 15,000.00	
2385	5	\$ 29,250.00	\$ 12,675.00	\$ 12,675.00	\$ 12,675.00	\$ 12,675.00	\$ 12,675.00	\$ 12,675.00	\$ 12,675.00	\$ 12,675.00	\$ 12,675.00	\$ 12,675.00	\$ 39,000.00	\$ 195,000.00	
2415	6	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 21,916.67	\$ 263,000.00	
2430	7	\$ -	\$ -	\$ -	\$ -	\$ 140.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,860.00	\$ -	\$ 2,000.00	
Personnel Total:		\$ 84,166.67	\$ 67,591.67	\$ 67,591.67	\$ 67,591.67	\$ 67,731.67	\$ 67,591.67	\$ 67,591.67	\$ 67,591.67	\$ 67,591.67	\$ 69,451.67	\$ 67,591.67	\$ 93,916.67	\$ 856,000.00	
Other															
2445	9	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 70,000.00	
2505	1	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 2,833.33	\$ 34,000.00	
2535	11	\$ -	\$ -	\$ -	\$ 30,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000.00	
2595	14	\$ 2,000.00	\$ 2,000.00	\$ 6,000.00	\$ 2,000.00	\$ 2,000.00	\$ 6,000.00	\$ 2,000.00	\$ 2,000.00	\$ 6,000.00	\$ 2,000.00	\$ 2,000.00	\$ 6,000.00	\$ 40,000.00	
2625	15	\$ 930.00	\$ -	\$ -	\$ -	\$ -	\$ 930.00	\$ -	\$ 300.00	\$ 840.00	\$ -	\$ -	\$ -	\$ 3,000.00	
2655	10	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 30,000.00	
2745	12	\$ -	\$ -	\$ 10,800.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200.00	
2775	8	\$ 4,772.73	\$ 4,772.73	\$ 22,500.00	\$ 4,772.73	\$ 4,772.73	\$ 4,772.73	\$ 4,772.73	\$ 4,772.73	\$ 4,772.73	\$ 4,772.73	\$ 4,772.73	\$ 4,772.73	\$ 75,000.00	
2276	8	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 150,000.00	
2790	16	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 3,333.33	\$ 40,000.00	
2865	17	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 30,000.00	
Other Total:		\$ 37,202.73	\$ 36,272.73	\$ 68,800.00	\$ 66,272.73	\$ 36,272.73	\$ 41,202.73	\$ 36,272.73	\$ 36,572.73	\$ 41,112.73	\$ 36,272.73	\$ 36,272.73	\$ 41,472.73	\$ 514,000.00	
G. & A. Expense Total:		\$ 121,369.39	\$ 103,864.39	\$ 136,391.67	\$ 133,864.39	\$ 104,004.39	\$ 108,794.39	\$ 103,864.39	\$ 104,164.39	\$ 108,704.39	\$ 105,724.39	\$ 103,864.39	\$ 135,389.39	\$ 1,370,000.00	
Total Expenses:		\$ 221,096.67	\$ 203,591.67	\$ 341,118.94	\$ 243,591.67	\$ 218,731.67	\$ 233,521.67	\$ 233,591.67	\$ 248,891.67	\$ 258,431.67	\$ 255,451.67	\$ 315,864.39	\$ 370,116.67	\$ 3,144,000.00	

2022 OPERATING BUDGET CAPITAL IMPROVEMENTS

	DRAFT 2022 CIP												TOTAL
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Domestic Water System													
Holly Drive Tank, Phase III		\$ 30,000	\$ 30,000	\$ 30,000		\$ 130,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 130,000	\$ 130,000		\$ 900,000
SCADA PLC Controller Replacement			\$ 40,000	\$ 40,000	\$ 40,000								\$ 120,000
Cucamonga Crosswall Enviro Mitigation				\$ 50,000				\$ 23,000					\$ 73,000
Site 19 Well test hole	\$ 30,000	\$ 30,000		\$ 60,000	\$ 60,000	\$ 60,000							\$ 240,000
1.0 MGD Treatment Plant		\$ 12,500	\$ 12,500						\$ 50,000	\$ 50,000	\$ 50,000		\$ 175,000
Total	\$ 30,000	\$ 72,500	\$ 82,500	\$ 180,000	\$ 100,000	\$ 190,000	\$ 140,000	\$ 163,000	\$ 190,000	\$ 180,000	\$ 180,000	\$ -	\$ 1,508,000
Irrigation System													
SCADA PLC Controller Replacement						\$ 40,000	\$ 40,000	\$ 40,000					\$ 120,000
Well 31 Pipeline Relocation/Replacement			\$ 20,000	\$ 20,000	\$ 10,000			\$ 123,000	\$ 123,000	\$ 124,000			\$ 420,000
Total	\$ -	\$ -	\$ 20,000	\$ 20,000	\$ 10,000	\$ 40,000	\$ 40,000	\$ 163,000	\$ 123,000	\$ 124,000	\$ -	\$ -	\$ 540,000
Total CIP + Equipment + Reports	\$ 30,000	\$ 73,000	\$ 302,500	\$ 200,500	\$ 110,000	\$ 233,500	\$ 180,000	\$ 326,500	\$ 313,000	\$ 309,000	\$ 180,000	\$ -	\$ 2,258,000

Design/Engineering
Construction

2022 OPERATING BUDGET EQUIPMENT/STUDIES/REPORTS

		DRAFT 2022 EQUIPMENT												TOTAL
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
#	Equipment Purchases													
1	Computers						\$ 3,000							\$ 3,000
2	Misc. Hand Tools for Trucks		\$ 500		\$ 500		\$ 500		\$ 500					\$ 2,000
3	Operations Trucks (F150 and F350)			\$ 200,000										\$ 200,000
	Total	\$ -	\$ 500	\$ 200,000	\$ 500	\$ -	\$ 3,500	\$ -	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 205,000

		DRAFT 2021 STUDIES AND REPORTS												TOTAL
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
#	Studies and Reports													
	SAWPA Cloud Seeding Feasibility Study										\$ 5,000			\$ 5,000
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000

CAPITAL IMPROVEMENTS

Project Title: **Holly Drive Tank, Phase III**

Total Budget: **\$900,000**

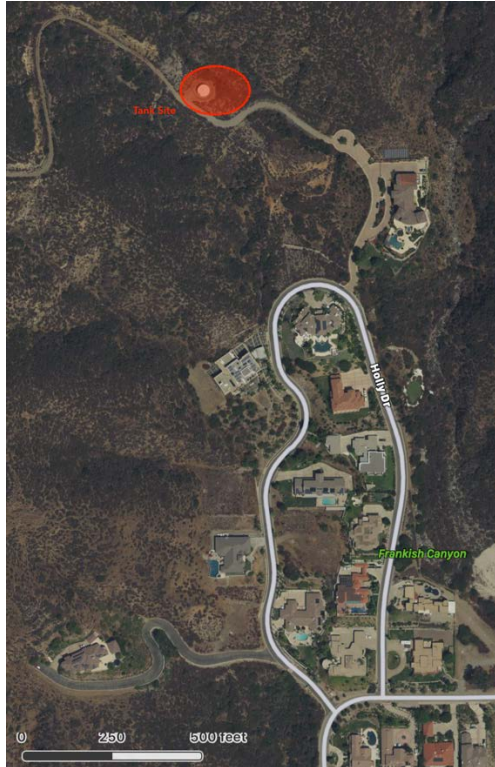
Engineering: \$90,000

Tank Construction: \$810,000

Schedule:

Construction: June 2022 - November 2022

Location:



Justification: Provide an additional 120,000-gallon storage capacity to meet operational storage, emergency storage and fire flow requirements. This will complete the Holly Drive Tank Site Improvements with a final storage amount of 240,000 gallons. Phase I was construction of a new tank pad site and retaining wall, Phase II was construction of a 120,000-gallon steel tank and abandonment of the existing 60,000-gallon steel tank.

Project Title: **SCADA PLC Controller Replacement**

Total Budget: **\$40,000**

Engineering: \$0

Construction: \$120,000

Schedule:

Installation: March - May 2022

Location: System Wide

Justification: A water system is controlled in-part through the System Control and Data Acquisition (SCADA) computer network. Communications occur between the central control server and Programmable Logic Controllers (PLCs) located at each facility. PLCs contain instructions on site specific activities ranging from reservoir water levels, chlorination levels and site security alarms. The Company's current PLC inventory contains almost 40 PLCs of differing electronics from different companies programmed by different people, without the benefit of standardization or documentation retained by the Company.

Staff is proposing the modernization of Company PLCs on a multi-year basis, replacing two to four per year. Replacement will include standardization of instruction sets and documentation of each PLC's programming, input and output.

Project Title: **Cucamonga Crosswall Environmental Mitigation, Year 4 of 5**
Total Budget: **\$73,000**
Maintenance: \$73,000

Schedule:

Maintenance: April & August 2022

Location:



Justification: As a condition of the Cucamonga Crosswalls repair project, the Company committed to conduct mitigation and associated environmental monitoring for a period of no less than five years. This commitment was a condition of the California Department of Fish and Wildlife Streambed Alteration Agreement.

The mitigation includes yearly removal of invasive plant species and seeding of native plant species. Mitigation will occur in the late winter-early spring months. The intent is to provide enough time for native and invasive seed to germinate but not establish strong roots or go to seed.

Project Title: **Well Site 19**

Total Budget: **\$2,500,000**

Engineering: \$500,000 (\$330k reserved in 2021) (\$25,000 in 2022)

Construction: \$2,000,000 (\$150,000 in 2022)

Schedule:

Engineering: ~~June 2021~~ January 2022 – ~~March~~ November 2022

Bidding: ~~June~~ July early 2023

Construction: ~~October 2022 – February 2023~~ mid to late 2023

Location:



Justification: The 2008 Master Plan recommended a new well to meet supply requirements. Construct a new well at Site 19 was identified in the 2017 Master Plan as a high priority project.

Staff is proposing the design and construction of a pilot hole and full well design in 2022. The pilot hole is intended to provide hydrogeologic information regarding material and estimated yield of proposed production well.

Project Title: **1.0 MGD Treatment Plant**

Total Budget: **\$1,500,000**

Engineering: \$225,000 (\$175,000 study and design proposed for 2022)

Construction: \$1,275,000 (proposed for 2023)

Schedule:

Engineering: 2022

Construction: 2023

Likely Location: Retired MIOX Building at Forebay



Justification:

The Company's main irrigation system primarily receives water from surface diversions in the San Antonio Canyon. Most of the irrigation water is provided to the City of Upland's treatment plant located just below the San Antonio Canyon dam. The city's treatment plant has a minimum operating limit of 1.0 MGD. This restriction makes it difficult for the City to receive their full entitlement of SAWCO water when canyon flows seasonally dip and in extended periods of drought.

The proposed 1.0 MGD treatment plant would be able to continue producing drinking water when the City's plant shuts down due to low flow. Estimates are that in 2021 this treatment plant could have produced an additional 260 acre-feet or about \$77,000 worth of water sales.

Project Title: **Irrigation SCADA PLC Controller Replacement**

Total Budget: **\$120,000**

Installation: \$120,000

Schedule:

Installation: June - August 2022

Location: System Wide

Justification: A water system is controlled in-part through the System Control and Data Acquisition (SCADA) computer network. Communications occur between the central control server and Programmable Logic Controllers (PLCs) located at each facility. PLCs contain instructions on site specific activities ranging from reservoir water levels, chlorination levels and site security alarms. The Company's current PLC inventory contains 12 PLCs, with differing electronics from different companies programmed by different people, without the benefit of standardization or documentation retained by the Company.

Staff is proposing the modernization of Company PLCs on a multi-year basis, replacing two to four per year. Replacement will include standardization of instruction sets and documentation of each PLC's programming, input and output.

Project Title: Well 31 Pipeline Relocation/Replacement

Total Budget: **\$420,000 (1,400 LF x \$300/LF)**

Soft Costs (Engineering, Permitting, Easements, Inspection, Testing): \$63,000 (15% of project cost)

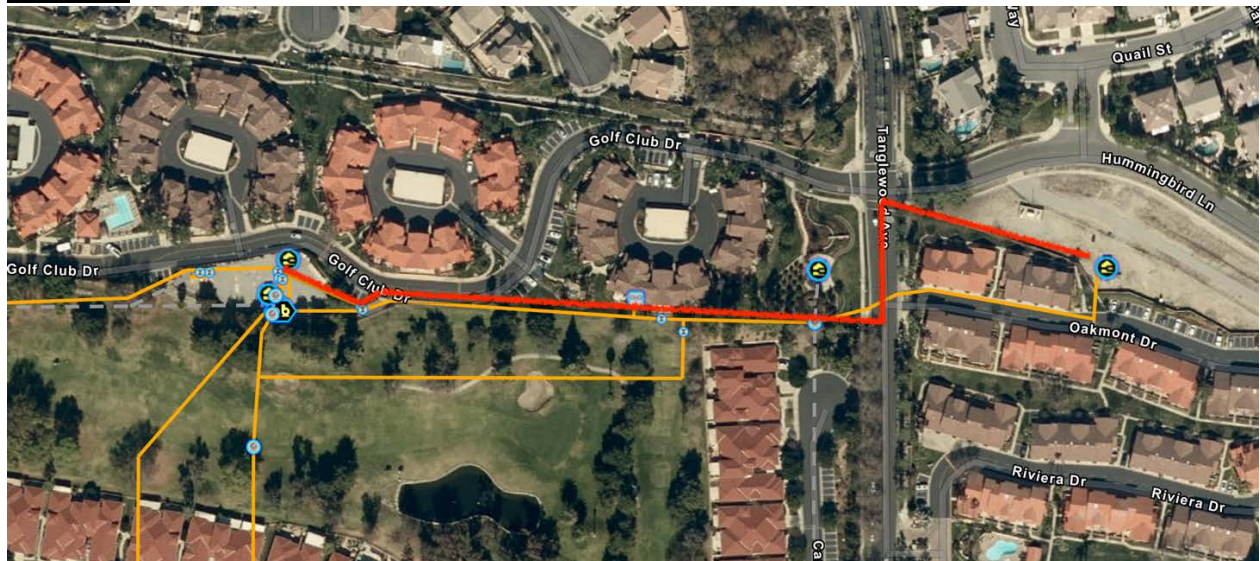
Construction: \$357,000 (85% of project cost)

Schedule:

Design: March 2022 – May 2022

Construction: August 2022 – October 2022

Location:



Justification:

Replace approximately 1,400 linear feet of 14" pipeline from Well 31 delivering water to facilities at Golf Club Drive along backside of homes and within Upland Hills Country Club waterline easement. Abandon aged pipeline. The current steel pipeline was installed before 1976 and has exceeded its useful life. Identified by staff as a high maintenance pipeline.

ENTITLEMENT PROJECTIONS

		2022 Projections												Entitlement
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
San Antonio Heights	Projected Monthly Delivery	60	65	60	62	112	140	150	160	160	120	100	80	
	Projected Cumulative Delivery	60	125	185	247	359	499	649	809	969	1,089	1,189	1,269	= 1,269
City of Upland	Projected Monthly Delivery	500	500	400	400	800	1,300	1,300	1,100	950	720	620	596	
	Projected Cumulative Delivery	500	1,000	1,400	1,800	2,600	3,900	5,200	6,300	7,250	7,970	8,590	9,186	= 9,186
Monte Vista Water District	Projected Monthly Delivery	48	48	48	48	52	52	52	52	52	48	48	48	
	Projected Cumulative Delivery	48	96	144	192	244	296	348	400	452	500	548	596	= 672
City of Ontario	Projected Monthly Delivery	38	38	38	38	42	42	42	42	42	38	38	38	
	Projected Cumulative Delivery	38	76	114	152	194	236	278	320	362	400	438	476	= 601
Holiday Rock Company	Projected Monthly Delivery	20	20	20	20	24	25	30	30	30	20	20	10	
	Projected Cumulative Delivery	20	40	60	80	104	129	159	189	219	239	259	269	= 269
Red Hills Golf Course	Projected Monthly Delivery	8	15	8	20	45	55	60	60	55	50	40	30	
	Projected Cumulative Delivery	8	23	31	51	96	151	211	271	326	376	416	446	= 444
Red Hills HOA	Projected Monthly Delivery	1	1	1	1	1	2	2	2	2	2	1	1	
	Projected Cumulative Delivery	1	2	3	4	5	7	9	11	13	15	16	17	= 20
Minor Irrigators	Projected Monthly Delivery	1	2	1	1	6	8	8	10	10	8	6	4	
	Projected Cumulative Delivery	1	3	4	5	11	19	27	37	47	55	61	65	= 102
COMPANY TOTAL (EX. INACTIVE)	Projected Monthly Delivery	676	689	576	590	1,082	1,624	1,644	1,456	1,301	1,006	873	807	
	Projected Cumulative Consumption	676	1,365	1,941	2,531	3,613	5,237	6,881	8,337	9,638	10,644	11,517	12,324	
	Straight Line Mnthly Ent	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	
	Cumulative Mnthly Ent	1,048	2,095	3,143	4,190	5,238	6,285	7,333	8,380	9,428	10,476	11,523	12,571	
	Active Share Ent	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	

		Projected Production												
	Gravity	300	600	600	600	600	400	300	200	100	100	100	100	
	Gravity Cumulative	300	900	1500	2100	2700	3100	3400	3600	3700	3800	3900	4000	= 4,425
	Chino						100	100	100	100	100	100	100	
	Chino Cumulative	0	0	0	0	0	100	200	300	400	500	600	700	= 1,232
	Cucamonga	200	200	300	600	600	700	700	700	600	600	400	400	
	Cucamonga Cumulative	200	400	700	1300	1900	2600	3300	4000	4600	5200	5600	6000	= 5,981
	Six Basins	80	80	80	80	80	80	90	100	100	90	80	80	
	Six Basins Cumulative	80	160	240	320	400	480	570	670	770	860	940	1020	= 932