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Lake Cushman
Water System
Hoodsport, WA



Report #: 28010-2
Beginning: January 1, 2026
Expires: December 31, 2026

RESERVE STUDY
Update "No-Site-Visit"

August 20, 2025

Welcome to your Reserve Study!

A Reserve Study is a valuable tool to help you budget responsibly for your property. This report contains all the information you need to avoid surprise expenses, make informed decisions, save money, and protect property values.

Regardless of the property type, it's a fact of life that the very moment construction is completed, every major building component begins a predictable process of physical deterioration. The operative word is "predictable" because planning for the inevitable is what a Reserve Study by **Association Reserves** is all about!

In this Report, you will find three key results:

- **Component List**

Unique to each property, the Component List serves as the foundation of the Reserve Study and details the scope and schedule of all necessary repairs & replacements.

- **Reserve Fund Strength**

A calculation that measures how well the Reserve Fund has kept pace with the property's physical deterioration.

- **Reserve Funding Plan**

A multi-year funding plan based on current Reserve Fund strength that allows for component repairs and replacements to be completed in a timely manner, with an emphasis on fairness and avoiding "catch-up" funding.

Questions?

Please contact your Project Manager directly.



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Lake Cushman - Water System

Hoodspport, WA

Level of Service: Update "No-Site-Visit"

Report #: 28010-2

of Units: 1,987

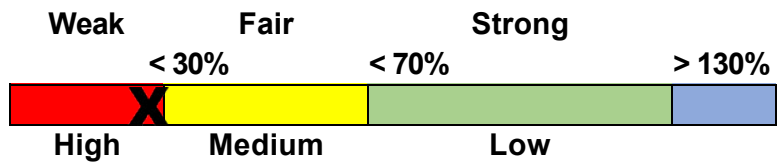
January 1, 2026 through December 31, 2026

Findings & Recommendations

as of January 1, 2026

Starting Reserve Balance	\$979,372
Current Fully Funded Reserve Balance	\$3,676,042
Percent Funded	26.6 %
Average Reserve (Deficit) or Surplus Per Unit	(\$1,357)
Recommended 2026 100% Monthly "Full Funding" Reserve Transfers	\$117,100
2026 "Baseline Funding" minimum to keep Reserves above \$0	\$102,600
Most Recent Budgeted Reserve Transfer Rate	\$105,735

Reserve Fund Strength: 26.6%



Risk of Special Assessment:

Economic Assumptions:

Net Annual "After Tax" Interest Earnings Accruing to Reserves	1.00 %
Annual Inflation Rate	3.00 %

- This is a Update "No-Site-Visit", meeting all requirements of the Revised Code of Washington (RCW). This study was prepared by, or under the supervision of a credentialed Reserve Specialist (RS™).
- Your Reserve Fund is currently 26.6 % Funded. This means the association's special assessment & deferred maintenance risk is currently High. The objective of your multi-year Funding Plan is to fund your Reserves to a level where you will enjoy a low risk of such Reserve cash flow problems. The current annual deterioration of your reserve components is \$13,079,194 - see Component Significance table.
- Based on this starting point and your anticipated future expenses, our recommendation is to budget Reserve Transfers to the 100% level as noted above. The 100% "Full" transfer rate is designed to gradually achieve this funding objective by the end of our 30-year report scope.
- No assets appropriate for Reserve designation known to be excluded. See appendix for component information and the basis of our assumptions. "Baseline Funding" in this report is as defined within the RCW, "to maintain the reserve account balance above zero throughout the thirty-year study period, without special assessments." Funding plan transfer rates, and reserves deficit or (surplus) are presented as an aggregate total, assuming average percentage of ownership. The actual ownership allocation may vary - refer to your governing documents, and assessment computational tools to adjust for any variation.

# Component	Useful Life (yrs)	Rem. Useful Life (yrs)	Current Average Cost
Capital Improvements from 2024 Water System Plan			
600 Water Mains/Hydrants 2026 - Replace	1	0	\$522,500
602 Water Mains/Hydrants 2027 - Replace	1	1	\$601,800
603 Water Mains/Hydrants 2028 - Replace	1	2	\$657,500
604 Water Mains/Hydrants 2029 - Replace	1	3	\$754,100
605 Water Mains/Hydrants 2030 - Replace	1	4	\$757,100
606 Water Mains/Hydrants 2031 - Replace	1	5	\$810,800
607 Water Mains/Hydrants 2032 - Replace	1	6	\$942,900
608 Water Mains/Hydrants 2033 - Replace	1	7	\$1,015,200
609 Water Mains/Hydrants 2034 - Replace	1	8	\$1,028,400
610 Water Mains/Hydrants 2035 - Replace	1	9	\$1,029,500
611 Water Mains/Hydrants 2036 - Replace	1	10	\$1,292,600
612 Water Mains/Hydrants 2037 - Replace	1	11	\$2,272,800
636 Well 5 & 8 Backup Generator & ATS 2026	1	0	\$155,000
640 Water System Plan Update 2034	10	8	\$87,600
System 3, Well 2			
801 Well AHB 683 - Replace/Source Approval	85	29	\$38,100
802 Well Pump - Replace	30	12	\$35,500
803 Pump Controller - Replace	20	2	\$10,300
804 Source Meter - Replace	15	2	\$2,990
805 Pumphouse Electronics - Replace	30	12	\$11,800
806 Pumphouse Structure - Replace	60	4	\$9,480
807 Pumphouse Roof - Replace	60	4	\$4,120
808 Generator - Replace	50	46	\$67,000
System 3, Well 10			
811 Well AHB 682 - Replace/Source Approval	85	48	\$33,000
812 Well Pump - Replace	30	12	\$35,500
813 Pump Controller - Replace	20	2	\$8,240
814 Source Meter - Replace	15	2	\$2,990
815 Pumphouse Electronics - Replace	30	12	\$11,800
816 Pumphouse Structure - Replace	60	23	\$9,480
817 Pumphouse Roof - Replace	30	0	\$2,990
System 5, Well 1			
1001 Well AHB 681 - Replace/Source Approval	85	36	\$27,800
1002 Well Pump - Replace	30	11	\$35,500
1003 Pump Controller - Replace	20	1	\$8,240
1004 Source Meter - Replace	15	2	\$2,990
1005 Pumphouse Electronics - Replace	30	11	\$11,800

# Component	Useful Life (yrs)	Rem. Useful Life (yrs)	Current Average Cost
1006 Pumphouse Structure - Replace	60	11	\$9,480
1007 Pumphouse Roof - Replace	60	11	\$3,610
System 5, Well 9			
1011 Well AHB 680 - Replace/Source Approval	85	48	\$36,100
1012 Well Pump - Replace	30	11	\$41,200
1013 Pump Controller - Replace	20	1	\$8,240
1014 Source Meter - Replace	15	2	\$2,990
1015 Pumphouse Electronics - Replace	30	11	\$11,800
1016 Pumphouse Structure - Replace	60	23	\$9,480
1017 Pumphouse Roof - Replace	30	0	\$2,990
1018 Generator - Replace	50	32	\$67,000
System 5, Well 8			
1021 Well AHB 679 - Replace/Source Approval	85	36	\$27,800
1022 Well Pump - Replace	30	28	\$13,400
1023 Pump Controller - Replace	20	5	\$8,240
1024 Source Meter - Replace	15	2	\$2,990
1025 Pumphouse Electronics - Replace	30	2	\$11,800
1026 Pumphouse Structure - Replace	60	22	\$9,480
1027 Pumphouse Roof - Replace	30	0	\$2,990
System 5, Well 5			
1031 Well AHB 678 - Replace/Source Approval	85	30	\$27,800
1032 Well Pump - Replace	30	2	\$14,400
1033 Pump Controller - Replace	20	5	\$8,240
1034 Source Meter - Replace	15	2	\$2,990
1035 Pumphouse Electronics - Replace	30	2	\$11,800
1036 Pumphouse Structure - Replace	60	5	\$9,480
1037 Pumphouse Roof - Replace	30	0	\$2,990
System 5, Well 3			
1041 Well AHB 677 - Replace/Source Approval	85	27	\$24,700
1042 Well Pump - Replace	30	2	\$9,270
1043 Pump Controller - Replace	20	1	\$3,610
1044 Source Meter - Replace	15	2	\$2,990
1045 Pumphouse Electronics - Replace	30	2	\$11,800
1046 Pumphouse Structure - Replace	60	2	\$9,480
1047 Pumphouse Roof - Replace	60	2	\$5,970
System 5, Well 7			
1051 Well AHB 675 - Replace/Source Approval	85	47	\$24,700
1052 Well Pump - Replace	30	24	\$9,270
1053 Pump Controller - Replace	20	5	\$8,240
1054 Source Meter - Replace	15	2	\$2,990
1055 Pumphouse Electronics - Replace	30	2	\$11,800
1056 Pumphouse Structure - Replace	60	22	\$9,480

# Component	Useful Life (yrs)	Rem. Useful Life (yrs)	Current Average Cost
1057 Pumphouse Roof - Replace	30	0	\$2,990
System 5, Well 11			
1061 Well AHB 676 - Replace/Source Approval	85	48	\$31,900
1062 Well Pump - Replace	30	29	\$21,000
1063 Pump Controller - Replace	20	1	\$6,180
1064 Source Meter - Replace	15	2	\$2,990
1065 Pumphouse Electronics - Replace	30	2	\$11,800
1066 Pumphouse Structure - Replace	60	23	\$9,480
1067 Pumphouse Roof - Replace	30	0	\$2,990
Reservoirs			
1101 Tanks - Inspect/Repair/Clean	5	1	\$97,900
1102 System 3, Division 2 Concrete - Replc	80	60	\$402,000
1103 System 5, Division 1 Concrete - Replc	80	37	\$208,000
1104 System 5, Division 15 Concrete - Replc	80	27	\$195,000
1105 System 5, Eastside 1 Concrete - Replc	80	23	\$208,000
1106 System 5, Eastside 2 Concrete - Replc	80	23	\$208,000
1107 System 5, Eastside 3 Concrete - Replc	80	62	\$332,000
1108 System 5, Division 10 Concrete - Replc	80	50	\$379,000
Booster Pump Station Div. 1/Rose Ave.			
1119 Booster Pump/Motor - Replc 1 of 2	30	26	\$15,500
1120 Booster Pump/Motor - Replc 2 of 2	30	10	\$20,600
1121 Pump Controller 1 of 2 - Replace	20	0	\$8,240
1122 Pump Controller 2 of 2 - Replace	20	13	\$7,210
1123 Pumphouse Electronics - Replace	30	10	\$11,800
1124 Pumphouse Structure - Replace	60	23	\$9,480
1125 Pumphouse Roof - Replace	60	16	\$3,610
1127 Generator - Replace	50	43	\$59,200
Booster Pump Station Div. 15			
1129 Booster Pump/Motor - Replc	30	29	\$16,500
1132 Pump Controller - Replace	20	8	\$8,240
1133 Pumphouse Electronics - Replace	30	2	\$11,800
1134 Pumphouse Structure - Replace	60	58	\$9,480
1135 Pumphouse Roof - Replace	30	28	\$2,990
Booster Pump Station Anderson			
1139 Booster Pump/Motor - Replc	30	19	\$4,740
1142 Pump Controller - Replace	20	8	\$4,740
1143 Pumphouse Electronics - Replace	30	2	\$2,370
1144 Pumphouse Structure - Replace	60	32	\$7,110
1145 Pumphouse Roof - Replace	30	2	\$2,160
Booster Pump Station Division 10			
1149 Booster Pump/Motor - Replc 1 of 2	30	24	\$21,600
1150 Booster Pump/Motor - Replc 2 of 2	30	24	\$21,600

# Component	Useful Life (yrs)	Rem. Useful Life (yrs)	Current Average Cost
1151 Pump Controller 1 of 2 - Replace	20	14	\$8,860
1152 Pump Controller 2 of 2 - Replace	20	14	\$8,860
1153 Pumphouse Electronics - Replace	30	11	\$11,800
1154 Pumphouse Structure - Replace	60	5	\$23,700
1155 Pumphouse Roof - Replace	60	5	\$9,480
1157 Generator - Replace	50	37	\$82,900
1158 Propane Tank, Generator - Replace	40	27	\$2,990
Booster Pump Station Rim View, Bi-Directional			
1159 Booster Pump/Motor - Replc	30	18	\$9,480
1162 Pump Controller - Replace	20	0	\$7,110
1163 Pumphouse Electronics - Replace	30	2	\$11,800
1164 Pumphouse Structure - Replace	60	32	\$11,800
1165 Pumphouse Roof - Replace	30	2	\$2,990
1167 Pressure Reducing Valves - Replace	10	6	\$15,500
System 3 General Expenditures			
1200 Distribution Mains, Sys 3 - Replace	1	12	\$300,000
1204 Isolation Valves - Replace	1	0	\$4,000
1205 Blow-Off Assemblies - Replace	1	0	\$1,000
1206 Air-Vacuum Release Valves - Replace	1	0	\$1,000
1208 Fire Hydrants - Replace	1	0	\$3,000
1210 Meter Setters - Replace	35	15	\$141,000
1212 Service Meters - Replace Year 1 Of 5	20	0	\$143,000
System 5 General Expenditures			
1250 Distribution Mains, Sys 5 - Replace	1	12	\$700,000
1254 Isolation Valves - Replace	1	0	\$12,000
1255 Blow-Off Assemblies - Replace	1	0	\$5,000
1256 Air-Vacuum Release Valves - Replace	1	0	\$2,000
1257 PRV Vaults - Replace	30	0	\$18,000
1258 Fire Hydrants - Replace	1	0	\$10,000
1260 Meter Setters - Replace	35	15	\$565,000
1262 Service Meters - Year 2 of 5	20	1	\$144,000
1263 Service Meters - Year 3 of 5	20	2	\$144,000
1264 Service Meters - Year 4 of 5	20	3	\$144,000
1265 Service Meters - Year 5 of 5	20	4	\$144,000
Vehicles/Equipment			
790 Ditch Witch Vacuum (#683) - Replace	20	11	\$41,200
791 Utility Trailer, Olympic (#237) - Rplc	20	11	\$7,730
792 Generator - Replace	40	4	\$25,800
793 Ford F550 Utility Truck - Replace	15	13	\$67,000
794 Ford F-150 Truck (#39) - Replace	10	1	\$46,300
795 Ford F350 Flatbed Truck (#914) - Replace	10	0	\$61,800

# Component	Useful Life (yrs)	Rem. Useful Life (yrs)	Current Average Cost
General			
630 SCADA & Telemetry Upgrades	20	19	\$700,000
632 Security Trailer - Refurbish	30	23	\$10,300

146 Total Funded Components

Note 1: Yellow highlighted line items are expected to require attention in this initial year, light blue highlighted items are expected to occur within the first-five years.

Introduction



A Reserve Study is the art and science of anticipating, and preparing for, an association's major common area repair and replacement expenses. Partially art, because in this field we are making projections about the future. Partially science, because our work is a combination of research and well-defined computations, following consistent National Reserve Study Standard principles.

The foundation of this and every Reserve Study is your Reserve Component List (what you are reserving for). This is because the Reserve Component List defines the *scope and schedule* of all your anticipated upcoming Reserve projects. Based on that List and your starting balance, we calculate the association's Reserve Fund Strength (reported in terms of "Percent Funded"). Then we compute a Reserve Funding Plan to provide for the Reserve needs of the association. These form the three results of your Reserve Study.



Reserve funding is not "for the future". Ongoing Reserve transfers are intended to offset the ongoing, daily deterioration of your Reserve assets. Done well, a stable, budgeted Reserve Funding Plan will collect sufficient funds from the owners who enjoyed the use of those assets, so the association is financially prepared for the irregular expenditures scattered through future years when those projects eventually require replacement.

Methodology

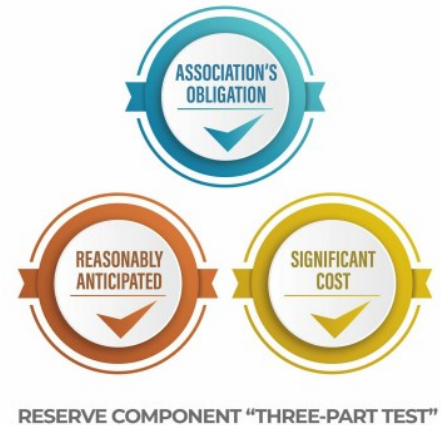


For this [Update No-Site-Visit Reserve Study](#), we started with a review of your prior Reserve Study, then looked into recent Reserve expenditures, evaluated how expenditures are handled (ongoing maintenance vs Reserves), and researched any well-established association

precedents. We updated and adjusted your Reserve Component List on the basis of time elapsed since the last Reserve Study and interviews with association representatives.

Which Physical Assets are Funded by Reserves?

There is a national-standard three-part test to determine which projects should appear in a Reserve Component List. First, it must be a common area maintenance obligation. Second, both the need and schedule of a component's project can be reasonably anticipated. Third, the project's total cost is material to the client, can be reasonably anticipated, and includes all direct and related costs. A project cost is commonly considered *material* if it is more than 0.5% to 1% of the total annual budget. This limits Reserve components to major, predictable expenses. Within this framework, it is inappropriate to include *lifetime* components, unpredictable expenses (such as damage due to natural disasters and/or insurable events), and expenses more appropriately handled from the Operational budget.



How do we establish Useful Life and Remaining Useful Life estimates?

- 1) Visual Inspection (observed wear and age)
- 2) Association Reserves database of experience
- 3) Client History (install dates & previous life cycle information)
- 4) Vendor Evaluation and Recommendation

How do we establish Current Repair/Replacement Cost Estimates?

In this order...

- 1) Actual client cost history, or current proposals
- 2) Comparison to Association Reserves database of work done at similar associations
- 3) Vendor Recommendations
- 4) Reliable National Industry cost estimating guidebooks

How much Reserves are enough?

Reserve adequacy is not measured in cash terms. Reserve adequacy is found when the *amount* of current Reserve cash is compared to Reserve component deterioration (the *needs of the association*). Having *enough* means the association can execute its projects in a timely manner with existing Reserve funds. Not having *enough* typically creates deferred maintenance or special assessments.

Adequacy is measured in a two-step process:

- 1) Calculate the *value of deterioration* at the association (called Fully Funded Balance, or FFB).
- 2) Compare that to the Reserve Fund Balance, and express as a percentage.



Each year, the *value of deterioration* at the association changes. When there is more deterioration (as components approach the time they need to be replaced), there should be more cash to offset that deterioration and prepare for the expenditure. Conversely, the *value of deterioration* shrinks after projects are accomplished. The *value of deterioration* (the FFB) changes each year, and is a moving but predictable target.

There is a high risk of special assessments and deferred maintenance when the Percent Funded is *weak*, below 30%. Approximately 30% of all associations are in this high risk range. While the 100% point is Ideal (indicating Reserve cash is equal to the *value of deterioration*), a Reserve Fund in the 70% - 130% range is considered strong (low risk of special assessment).

Measuring your Reserves by Percent Funded tells how well prepared your association is for upcoming Reserve expenses. New buyers should be very aware of this important disclosure!

How much should we transfer to Reserves?



According to National Reserve Study Standards, there are four Funding Principles to balance in developing your Reserve Funding Plan. Our first objective is to design a plan that provides you with sufficient cash to perform your Reserve projects on time. Second, a stable rate of ongoing Reserve transfers is desirable because it keeps these naturally irregular expenses from unsettling the budget.

Reserve transfers that are evenly distributed over current and future owners enable each owner to pay their fair share of the association's Reserve expenses over the years. And finally, we develop a plan that is fiscally responsible and safe for Board members to recommend to their association. Remember, it is the Board's job to provide for the ongoing care of the common areas. Board members invite liability exposure when Reserve transfers are inadequate to offset ongoing common area deterioration.

What is our Recommended Funding Goal?

Maintaining the Reserve Fund at a level equal to the *value* of deterioration is called "Full Funding" (100% Funded). As each asset ages and becomes "used up," the Reserve Fund grows proportionally. **This is simple, responsible, and our recommendation.** Evidence shows that associations in the 70 - 130% range *enjoy a low risk of special assessments or deferred maintenance.*



Allowing the Reserves to fall close to zero, but not below zero, is called Baseline Funding. Doing so allows the Reserve Fund to drop into the 0 - 30% range, where there is a high risk of special assessments & deferred maintenance. Since Baseline Funding still provides for the timely execution of all Reserve projects, and only the "margin of safety" is different, recommended Reserve transfers for Baseline Funding average only 10% to 15% less than Full Funding recommendations. Threshold Funding is the title of all other Cash or Percent Funded objectives *between* Baseline Funding and Full Funding.

Projected Expenses

While this Reserve Study looks forward 30 years, we have no expectation that all these expenses will all take place as anticipated. This Reserve Study needs to be updated annually because we expect the timing of these expenses to shift and the size of these expenses to change. We do feel more certain of the timing and cost of near-term expenses than expenses many years away. The figure below summarizes the projected future expenses at your association as defined by your Reserve Component List. A summary of these expenses are shown in the 30-yr Summary Table, while details of the projects that make up these expenses are shown in the Cash Flow Detail Table.

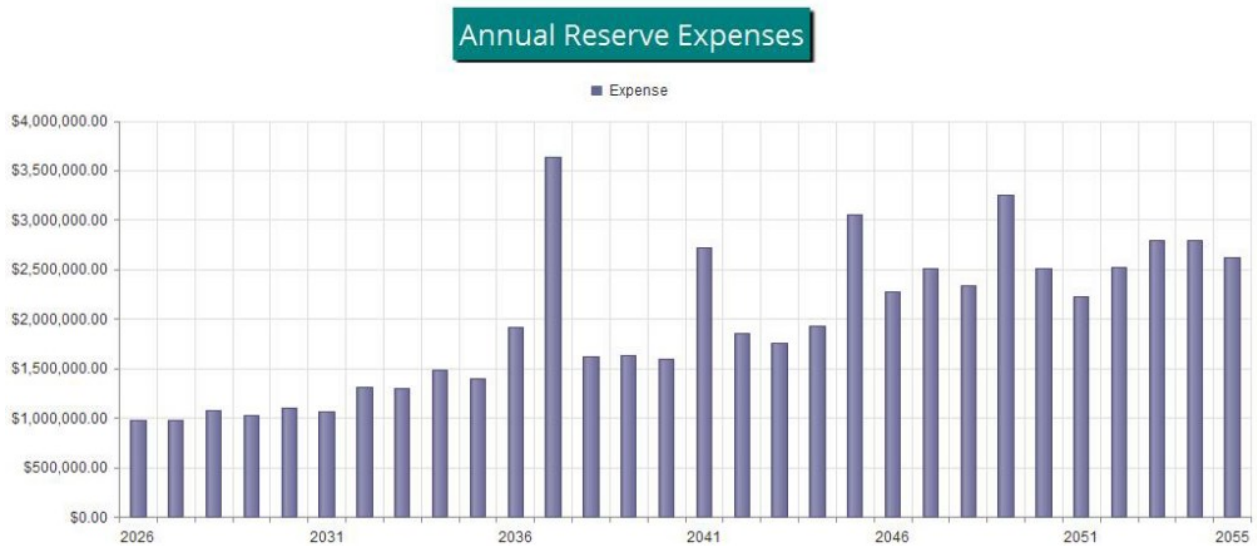


Figure 1

Reserve Fund Status

The starting point for our financial analysis is your Reserve Fund balance, projected to be \$979,372 as-of the start of your Fiscal Year on 1/1/2026. As of that date, your Fully Funded Balance is computed to be \$3,676,042 (see Fully Funded Balance Table). This figure represents the deteriorated value of your common area components.

Recommended Funding Plan

Based on your current Percent Funded and your near-term and long-term Reserve needs, we are recommending Monthly budgeted transfers of \$117,100 this Fiscal Year. The overall 30-yr plan, in perspective, is shown below. This same information is shown numerically in both the 30-yr Summary Table and the Cash Flow Detail Table.

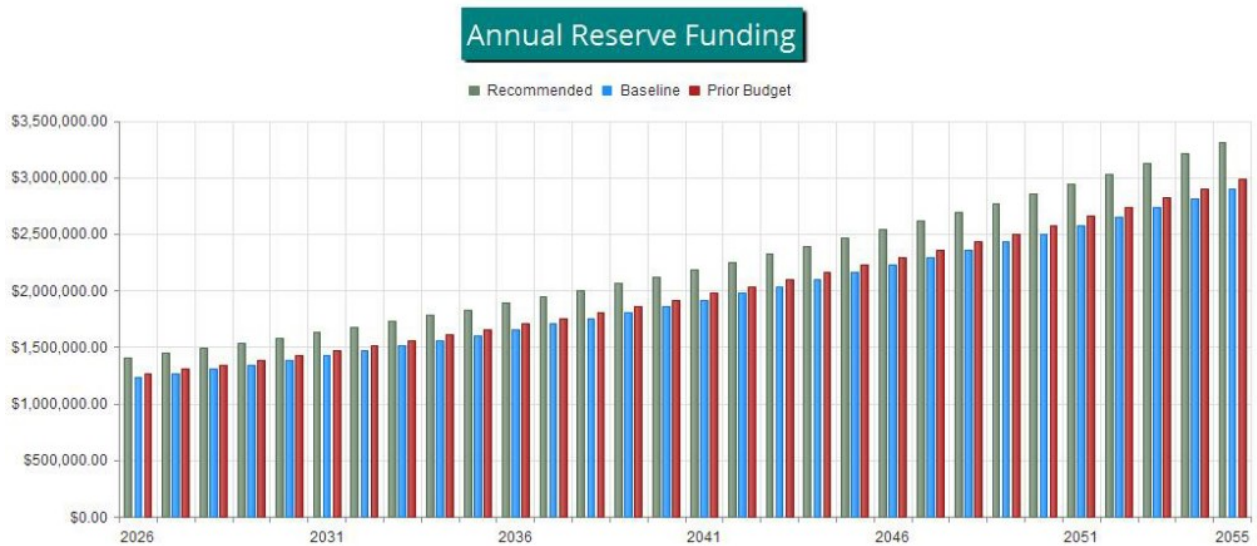


Figure 2

The following chart shows your Reserve balance under our recommended Full Funding Plan, an alternate Baseline Funding Plan, and at your current budgeted transfer rate (assumes future increases), compared to your always-changing Fully Funded Balance target.

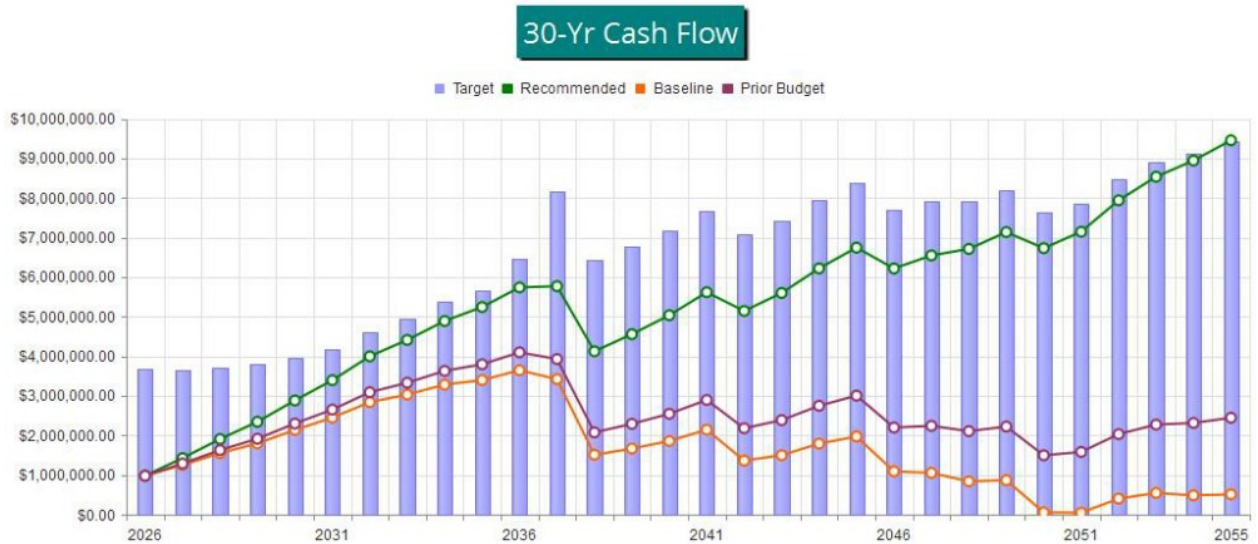


Figure 3

This figure shows the same information plotted on a Percent Funded scale. It is clear here to see how your Reserve Fund strength approaches the 100% Funded level under our recommended multi-yr Funding Plan.

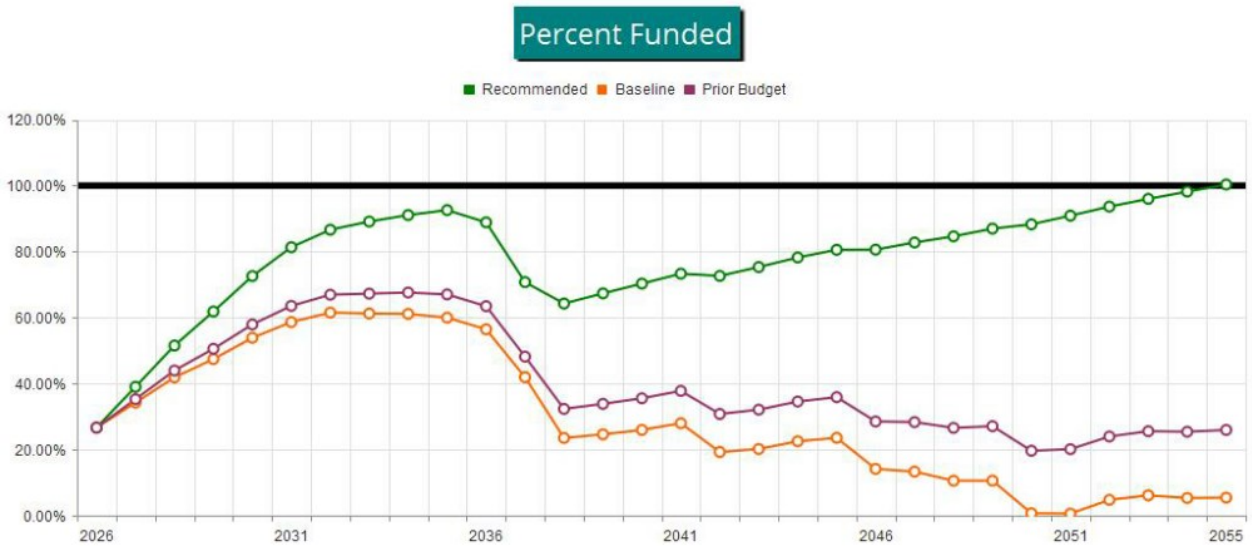


Figure 4



Executive Summary is a summary of your Reserve Components

Reserve Component List Detail discloses key Component information, providing the foundation upon which the financial analysis is performed.

Fully Funded Balance shows the calculation of the Fully Funded Balance for each of your components, and their specific proportion related to the property total. For each component, the Fully Funded Balance is the fraction of life used up multiplied by its estimated Current Replacement Cost.

Component Significance shows the relative significance of each component to Reserve funding needs of the property, helping you see which components have more (or less) influence than others on your total Reserve funding requirements. The deterioration cost/yr of each component is calculated by dividing the estimated Current Replacement Cost by its Useful Life, then that component's percentage of the total is displayed.

30-Yr Reserve Plan Summary provides a one-page 30-year summary of the cash flowing into and out of the Reserve Fund, with a display of the Fully Funded Balance, Percent Funded, and special assessment risk at the beginning of each year.

30-Year Income/Expense Detail shows the detailed income and expenses for each of the next 30 years. This table makes it possible to see which components are projected to require repair or replacement in a particular year, and the size of those individual expenses.

#	Component	Approx	Quantity	Useful Life	Rem. Useful Life	Current Cost Estimate	
						Lower Estimate	Higher Estimate
Capital Improvements from 2024 Water System Plan							
600	Water Mains/Hydrants 2026 - Replace	1,470	LF 6"	1	0	\$470,000	\$575,000
602	Water Mains/Hydrants 2027 - Replace	1,670	LF 6"	1	1	\$542,000	\$662,000
603	Water Mains/Hydrants 2028 - Replace	1,540	LF 6"	1	2	\$592,000	\$723,000
604	Water Mains/Hydrants 2029 - Replace	2,130	LF 6"	1	3	\$679,000	\$830,000
605	Water Mains/Hydrants 2030 - Replace	2,120	LF 6"	1	4	\$681,000	\$833,000
606	Water Mains/Hydrants 2031 - Replace	2,310	LF 6"	1	5	\$730,000	\$892,000
607	Water Mains/Hydrants 2032 - Replace	2,390	LF 6"	1	6	\$849,000	\$1,040,000
608	Water Mains/Hydrants 2033 - Replace	2,670	LF 6"	1	7	\$914,000	\$1,120,000
609	Water Mains/Hydrants 2034 - Replace	2,930	LF 6"	1	8	\$926,000	\$1,130,000
610	Water Mains/Hydrants 2035 - Replace	2,470	LF 6"	1	9	\$927,000	\$1,130,000
611	Water Mains/Hydrants 2036 - Replace	3,090	LF 6"	1	10	\$1,160,000	\$1,420,000
612	Water Mains/Hydrants 2037 - Replace	5,790	LF 6"	1	11	\$2,050,000	\$2,500,000
636	Well 5 & 8 Backup Generator & ATS 2026	8	Main Hub/(8) remote sites	1	0	\$140,000	\$170,000
640	Water System Plan Update 2034	10	WSP - 10 year update	10	8	\$78,800	\$96,400
System 3, Well 2							
801	Well AHB 683 - Replace/Source Approval	8	8", 225 deep, 275 GPM	85	29	\$34,300	\$41,900
802	Well Pump - Replace	30	HP	30	12	\$32,000	\$39,000
803	Pump Controller - Replace	7	Variable Speed - YaskawaP7	20	2	\$9,270	\$11,300
804	Source Meter - Replace	1	Source Meter	15	2	\$2,690	\$3,290
805	Pumphouse Electronics - Replace	1	Electronic System	30	12	\$10,600	\$13,000
806	Pumphouse Structure - Replace	1	wood structure	60	4	\$8,530	\$10,400
807	Pumphouse Roof - Replace	1	Steel	60	4	\$3,710	\$4,530
808	Generator - Replace	1	Power Cummins	50	46	\$60,300	\$73,700
System 3, Well 10							
811	Well AHB 682 - Replace/Source Approval	8	8", 164 deep, 150 GPM	85	48	\$29,700	\$36,300
812	Well Pump - Replace	30	HP	30	12	\$32,000	\$39,000
813	Pump Controller - Replace	7	Variable Speed - YaskawaP7	20	2	\$7,420	\$9,060
814	Source Meter - Replace	1	Source Meter	15	2	\$2,690	\$3,290
815	Pumphouse Electronics - Replace	1	Electronic System	30	12	\$10,600	\$13,000
816	Pumphouse Structure - Replace	1	wood structure	60	23	\$8,530	\$10,400
817	Pumphouse Roof - Replace	1	Shingle	30	0	\$2,690	\$3,290
System 5, Well 1							
1001	Well AHB 681 - Replace/Source Approval	8	8", 118 deep, 145 GPM	85	36	\$25,000	\$30,600
1002	Well Pump - Replace	40	HP	30	11	\$32,000	\$39,000
1003	Pump Controller - Replace	7	Variable Speed - YaskawaP7	20	1	\$7,420	\$9,060
1004	Source Meter - Replace	1	Source Meter	15	2	\$2,690	\$3,290
1005	Pumphouse Electronics - Replace	1	Electronic System	30	11	\$10,600	\$13,000
1006	Pumphouse Structure - Replace	1	wood structure	60	11	\$8,530	\$10,400
1007	Pumphouse Roof - Replace	1	Steel	60	11	\$3,250	\$3,970
System 5, Well 9							
1011	Well AHB 680 - Replace/Source Approval	8	8", 208 deep, 110 GPM	85	48	\$32,500	\$39,700

#	Component	Approx	Quantity	Useful Life	Rem. Useful Life	Current Cost Estimate	
						Lower Estimate	Higher Estimate
1012	Well Pump - Replace	50	HP	30	11	\$37,100	\$45,300
1013	Pump Controller - Replace	7	Variable Speed - YaskawaP7	20	1	\$7,420	\$9,060
1014	Source Meter - Replace	1	Source Meter	15	2	\$2,690	\$3,290
1015	Pumphouse Electronics - Replace	1	Electronic System	30	11	\$10,600	\$13,000
1016	Pumphouse Structure - Replace	1	wood structure	60	23	\$8,530	\$10,400
1017	Pumphouse Roof - Replace	1	Shingle	30	0	\$2,690	\$3,290
1018	Generator - Replace	1	CAT 100 KW	50	32	\$60,300	\$73,700
System 5, Well 8							
1021	Well AHB 679 - Replace/Source Approval	8	8", 115 deep, 165 GPM	85	36	\$25,000	\$30,600
1022	Well Pump - Replace	15	HP	30	28	\$12,100	\$14,700
1023	Pump Controller - Replace	1	Controller	20	5	\$7,420	\$9,060
1024	Source Meter - Replace	1	Source Meter	15	2	\$2,690	\$3,290
1025	Pumphouse Electronics - Replace	1	Electronic System	30	2	\$10,600	\$13,000
1026	Pumphouse Structure - Replace	1	wood structure	60	22	\$8,530	\$10,400
1027	Pumphouse Roof - Replace	1	Shingle	30	0	\$2,690	\$3,290
System 5, Well 5							
1031	Well AHB 678 - Replace/Source Approval	8	8", 159 deep, 178 GPM	85	30	\$25,000	\$30,600
1032	Well Pump - Replace	15	HP	30	2	\$13,000	\$15,800
1033	Pump Controller - Replace	1	Controller	20	5	\$7,420	\$9,060
1034	Source Meter - Replace	1	Source Meter	15	2	\$2,690	\$3,290
1035	Pumphouse Electronics - Replace	1	Electronic System	30	2	\$10,600	\$13,000
1036	Pumphouse Structure - Replace	1	wood structure	60	5	\$8,530	\$10,400
1037	Pumphouse Roof - Replace	1	Shingle	30	0	\$2,690	\$3,290
System 5, Well 3							
1041	Well AHB 677 - Replace/Source Approval	8	8", 51 deep, 165 GPM	85	27	\$22,200	\$27,200
1042	Well Pump - Replace	5	HP	30	2	\$8,340	\$10,200
1043	Pump Controller - Replace	1	Controller	20	1	\$3,250	\$3,970
1044	Source Meter - Replace	1	Source Meter	15	2	\$2,690	\$3,290
1045	Pumphouse Electronics - Replace	1	Electronic System	30	2	\$10,600	\$13,000
1046	Pumphouse Structure - Replace	1	wood structure	60	2	\$8,530	\$10,400
1047	Pumphouse Roof - Replace	1	Steel	60	2	\$5,370	\$6,570
System 5, Well 7							
1051	Well AHB 675 - Replace/Source Approval	8	8", 63 deep, 60 GPM	85	47	\$22,200	\$27,200
1052	Well Pump - Replace	5	HP	30	24	\$8,340	\$10,200
1053	Pump Controller - Replace	1	Controller	20	5	\$7,420	\$9,060
1054	Source Meter - Replace	1	Source Meter	15	2	\$2,690	\$3,290
1055	Pumphouse Electronics - Replace	1	Electronic System	30	2	\$10,600	\$13,000
1056	Pumphouse Structure - Replace	1	wood structure	60	22	\$8,530	\$10,400
1057	Pumphouse Roof - Replace	1	Shingle	30	0	\$2,690	\$3,290
System 5, Well 11							
1061	Well AHB 676 - Replace/Source Approval	8	8", 160 deep, 98 GPM	85	48	\$28,700	\$35,100
1062	Well Pump - Replace	10	HP	30	29	\$18,900	\$23,100
1063	Pump Controller - Replace	1	Controller	20	1	\$5,560	\$6,800
1064	Source Meter - Replace	1	Source Meter	15	2	\$2,690	\$3,290
1065	Pumphouse Electronics - Replace	1	Electronic System	30	2	\$10,600	\$13,000
1066	Pumphouse Structure - Replace	1	wood structure	60	23	\$8,530	\$10,400
1067	Pumphouse Roof - Replace	1	Shingle	30	0	\$2,690	\$3,290

#	Component	Approx	Quantity	Useful Life	Rem. Useful Life	Current Cost Estimate	
						Lower Estimate	Higher Estimate
Reservoirs							
1101	Tanks - Inspect/Repair/Clean	7	existing tanks	5	1	\$88,100	\$108,000
1102	System 3, Division 2 Concrete - Replc	138,900	138,900 GI, 35H X 26 D	80	60	\$362,000	\$442,000
1103	System 5, Division 1 Concrete - Replc	59,600	59,600 GI, 26H X 15 D	80	37	\$187,000	\$229,000
1104	System 5, Division 15 Concrete - Replc	50,500	50,500 GI, 21.H X 20D	80	27	\$176,000	\$214,000
1105	System 5, Eastside 1 Concrete - Replc	79,500	79,500 GI, 20H X 26D	80	23	\$187,000	\$229,000
1106	System 5, Eastside 2 Concrete - Replc	79,500	79,500 GI, 20H X 26D	80	23	\$187,000	\$229,000
1107	System 5, Eastside 3 Concrete - Replc	132,200	132,200 GI, 25H X 30D	80	62	\$299,000	\$365,000
1108	System 5, Division 10 Concrete - Replc	158,600	158,600 GI, 30H X 30D	80	50	\$341,000	\$417,000
Booster Pump Station Div. 1/Rose Ave.							
1119	Booster Pump/Motor - Replc 1 of 2	1	15 HP pump	30	26	\$14,000	\$17,000
1120	Booster Pump/Motor - Replc 2 of 2	1	20 HP pump	30	10	\$18,500	\$22,700
1121	Pump Controller 1 of 2 - Replace	1,000	Yaskawa P1000	20	0	\$7,420	\$9,060
1122	Pump Controller 2 of 2 - Replace	1	Aquavar	20	13	\$6,490	\$7,930
1123	Pumphouse Electronics - Replace	1	Electronic System	30	10	\$10,600	\$13,000
1124	Pumphouse Structure - Replace	1	wood structure	60	23	\$8,530	\$10,400
1125	Pumphouse Roof - Replace	1	Steel	60	16	\$3,250	\$3,970
1127	Generator - Replace	1	Cummins 60 KW	50	43	\$53,300	\$65,100
Booster Pump Station Div. 15							
1129	Booster Pump/Motor - Replc	1	15 HP pump	30	29	\$14,800	\$18,200
1132	Pump Controller - Replace	1,000	Yaskawa P1000	20	8	\$7,420	\$9,060
1133	Pumphouse Electronics - Replace	1	Electronic System	30	2	\$10,600	\$13,000
1134	Pumphouse Structure - Replace	1	wood structure	60	58	\$8,530	\$10,400
1135	Pumphouse Roof - Replace	1	Shingled	30	28	\$2,690	\$3,290
Booster Pump Station Anderson							
1139	Booster Pump/Motor - Replc	1	3.5 HP pump	30	19	\$4,270	\$5,210
1142	Pump Controller - Replace	1	Aquavar	20	8	\$4,270	\$5,210
1143	Pumphouse Electronics - Replace	1	Electronic System	30	2	\$2,130	\$2,610
1144	Pumphouse Structure - Replace	1	wood structure	60	32	\$6,400	\$7,820
1145	Pumphouse Roof - Replace	1	Shingled	30	2	\$1,940	\$2,380
Booster Pump Station Division 10							
1149	Booster Pump/Motor - Replc 1 of 2	1	25 HP pump	30	24	\$19,400	\$23,800
1150	Booster Pump/Motor - Replc 2 of 2	1	25 HP pump	30	24	\$19,400	\$23,800
1151	Pump Controller 1 of 2 - Replace	1	Aquavar	20	14	\$7,970	\$9,750
1152	Pump Controller 2 of 2 - Replace	1	Aquavar	20	14	\$7,970	\$9,750
1153	Pumphouse Electronics - Replace	1	Electronic System	30	11	\$10,600	\$13,000
1154	Pumphouse Structure - Replace	1	wood structure	60	5	\$21,300	\$26,100
1155	Pumphouse Roof - Replace	1	Steel	60	5	\$8,530	\$10,400
1157	Generator - Replace	1	Kohler 80 KW	50	37	\$74,600	\$91,200
1158	Propane Tank, Generator - Replace	1	1000 Gallon	40	27	\$2,690	\$3,290
Booster Pump Station Rim View, Bi-Directional							
1159	Booster Pump/Motor - Replc	1	10 HP pump	30	18	\$8,530	\$10,400
1162	Pump Controller - Replace	1	Aquavar	20	0	\$6,400	\$7,820
1163	Pumphouse Electronics - Replace	1	Electronic System	30	2	\$10,600	\$13,000
1164	Pumphouse Structure - Replace	1	wood structure	60	32	\$10,600	\$13,000
1165	Pumphouse Roof - Replace	1	Shingled	30	2	\$2,690	\$3,290
1167	Pressure Reducing Valves - Replace	4	Cla-Val Valves	10	6	\$14,000	\$17,000
System 3 General Expenditures							

#	Component	Approx	Quantity	Useful Life	Rem. Useful Life	Current Cost Estimate	
						Lower Estimate	Higher Estimate
1200	Distribution Mains, Sys 3 - Replace	26,100	LF	1	12	\$270,000	\$330,000
1204	Isolation Valves - Replace	80		1	0	\$3,600	\$4,400
1205	Blow-Off Assemblies - Replace	12	assemblies	1	0	\$900	\$1,100
1206	Air-Vacuum Release Valves - Replace	4	valves	1	0	\$900	\$1,100
1208	Fire Hydrants - Replace	9	valves	1	0	\$2,700	\$3,300
1210	Meter Setters - Replace	396	meter setters	35	15	\$127,000	\$155,000
1212	Service Meters - Replace Year 1 Of 5	400	meters	20	0	\$129,000	\$157,000
System 5 General Expenditures							
1250	Distribution Mains, Sys 5 - Replace	158,290	LF	1	12	\$630,000	\$770,000
1254	Isolation Valves - Replace	255	Valves	1	0	\$10,800	\$13,200
1255	Blow-Off Assemblies - Replace	54	(54)	1	0	\$4,500	\$5,500
1256	Air-Vacuum Release Valves - Replace	10	valves	1	0	\$1,800	\$2,200
1257	PRV Vaults - Replace	5	vaults	30	0	\$16,200	\$19,800
1258	Fire Hydrants - Replace	40	hydrants	1	0	\$9,000	\$11,000
1260	Meter Setters - Replace	1,591	(1591) meter setters	35	15	\$508,000	\$622,000
1262	Service Meters - Year 2 of 5	404	Meters	20	1	\$130,000	\$158,000
1263	Service Meters - Year 3 of 5	404	Meters	20	2	\$130,000	\$158,000
1264	Service Meters - Year 4 of 5	404	Meters	20	3	\$130,000	\$158,000
1265	Service Meters - Year 5 of 5	404	Meters	20	4	\$130,000	\$158,000
Vehicles/Equipment							
790	Ditch Witch Vacuum (#683) - Replace	1	Unit	20	11	\$37,100	\$45,300
791	Utility Trailer, Olympic (#237) - Rplc	2,011	2011 Model, 14,000 GVW	20	11	\$6,960	\$8,500
792	Generator - Replace	1	portable generator	40	4	\$23,200	\$28,400
793	Ford F550 Utility Truck - Replace	2,017	2017 Model with bucket	15	13	\$60,300	\$73,700
794	Ford F-150 Truck (#39) - Replace	2,012	2012 Model, 6,900 GVW	10	1	\$41,700	\$50,900
795	Ford F350 Flatbed Truck (#914) - Replace	1,997	1997 model, 11,000 GVW	10	0	\$55,600	\$68,000
General							
630	SCADA & Telemetry Upgrades	1	Main Hub/12 remote sites	20	19	\$630,000	\$770,000
632	Security Trailer - Refurbish	1	Mobile building	30	23	\$9,270	\$11,300
146	Total Funded Components						

#	Component	Current Cost Estimate	X	Effective Age	/	Useful Life	=	Fully Funded Balance
Capital Improvements from 2024 Water System Plan								
600	Water Mains/Hydrants 2026 - Replace	\$522,500	X	1	/	1	=	\$522,500
602	Water Mains/Hydrants 2027 - Replace	\$601,800	X	0	/	1	=	\$0
603	Water Mains/Hydrants 2028 - Replace	\$657,500	X	0	/	1	=	\$0
604	Water Mains/Hydrants 2029 - Replace	\$754,100	X	0	/	1	=	\$0
605	Water Mains/Hydrants 2030 - Replace	\$757,100	X	0	/	1	=	\$0
606	Water Mains/Hydrants 2031 - Replace	\$810,800	X	0	/	1	=	\$0
607	Water Mains/Hydrants 2032 - Replace	\$942,900	X	0	/	1	=	\$0
608	Water Mains/Hydrants 2033 - Replace	\$1,015,200	X	0	/	1	=	\$0
609	Water Mains/Hydrants 2034 - Replace	\$1,028,400	X	0	/	1	=	\$0
610	Water Mains/Hydrants 2035 - Replace	\$1,029,500	X	0	/	1	=	\$0
611	Water Mains/Hydrants 2036 - Replace	\$1,292,600	X	0	/	1	=	\$0
612	Water Mains/Hydrants 2037 - Replace	\$2,272,800	X	0	/	1	=	\$0
636	Well 5 & 8 Backup Generator & ATS 2026	\$155,000	X	1	/	1	=	\$155,000
640	Water System Plan Update 2034	\$87,600	X	2	/	10	=	\$17,520
System 3, Well 2								
801	Well AHB 683 - Replace/Source Approval	\$38,100	X	56	/	85	=	\$25,101
802	Well Pump - Replace	\$35,500	X	18	/	30	=	\$21,300
803	Pump Controller - Replace	\$10,300	X	18	/	20	=	\$9,270
804	Source Meter - Replace	\$2,990	X	13	/	15	=	\$2,591
805	Pumphouse Electronics - Replace	\$11,800	X	18	/	30	=	\$7,080
806	Pumphouse Structure - Replace	\$9,480	X	56	/	60	=	\$8,848
807	Pumphouse Roof - Replace	\$4,120	X	56	/	60	=	\$3,845
808	Generator - Replace	\$67,000	X	4	/	50	=	\$5,360
System 3, Well 10								
811	Well AHB 682 - Replace/Source Approval	\$33,000	X	37	/	85	=	\$14,365
812	Well Pump - Replace	\$35,500	X	18	/	30	=	\$21,300
813	Pump Controller - Replace	\$8,240	X	18	/	20	=	\$7,416
814	Source Meter - Replace	\$2,990	X	13	/	15	=	\$2,591
815	Pumphouse Electronics - Replace	\$11,800	X	18	/	30	=	\$7,080
816	Pumphouse Structure - Replace	\$9,480	X	37	/	60	=	\$5,846
817	Pumphouse Roof - Replace	\$2,990	X	30	/	30	=	\$2,990
System 5, Well 1								
1001	Well AHB 681 - Replace/Source Approval	\$27,800	X	49	/	85	=	\$16,026
1002	Well Pump - Replace	\$35,500	X	19	/	30	=	\$22,483
1003	Pump Controller - Replace	\$8,240	X	19	/	20	=	\$7,828
1004	Source Meter - Replace	\$2,990	X	13	/	15	=	\$2,591
1005	Pumphouse Electronics - Replace	\$11,800	X	19	/	30	=	\$7,473
1006	Pumphouse Structure - Replace	\$9,480	X	49	/	60	=	\$7,742
1007	Pumphouse Roof - Replace	\$3,610	X	49	/	60	=	\$2,948
System 5, Well 9								
1011	Well AHB 680 - Replace/Source Approval	\$36,100	X	37	/	85	=	\$15,714
1012	Well Pump - Replace	\$41,200	X	19	/	30	=	\$26,093
1013	Pump Controller - Replace	\$8,240	X	19	/	20	=	\$7,828
1014	Source Meter - Replace	\$2,990	X	13	/	15	=	\$2,591

#	Component	Current Cost Estimate	X	Effective Age	/	Useful Life	=	Fully Funded Balance
1015	Pumphouse Electronics - Replace	\$11,800	X	19	/	30	=	\$7,473
1016	Pumphouse Structure - Replace	\$9,480	X	37	/	60	=	\$5,846
1017	Pumphouse Roof - Replace	\$2,990	X	30	/	30	=	\$2,990
1018	Generator - Replace	\$67,000	X	18	/	50	=	\$24,120
System 5, Well 8								
1021	Well AHB 679 - Replace/Source Approval	\$27,800	X	49	/	85	=	\$16,026
1022	Well Pump - Replace	\$13,400	X	2	/	30	=	\$893
1023	Pump Controller - Replace	\$8,240	X	15	/	20	=	\$6,180
1024	Source Meter - Replace	\$2,990	X	13	/	15	=	\$2,591
1025	Pumphouse Electronics - Replace	\$11,800	X	28	/	30	=	\$11,013
1026	Pumphouse Structure - Replace	\$9,480	X	38	/	60	=	\$6,004
1027	Pumphouse Roof - Replace	\$2,990	X	30	/	30	=	\$2,990
System 5, Well 5								
1031	Well AHB 678 - Replace/Source Approval	\$27,800	X	55	/	85	=	\$17,988
1032	Well Pump - Replace	\$14,400	X	28	/	30	=	\$13,440
1033	Pump Controller - Replace	\$8,240	X	15	/	20	=	\$6,180
1034	Source Meter - Replace	\$2,990	X	13	/	15	=	\$2,591
1035	Pumphouse Electronics - Replace	\$11,800	X	28	/	30	=	\$11,013
1036	Pumphouse Structure - Replace	\$9,480	X	55	/	60	=	\$8,690
1037	Pumphouse Roof - Replace	\$2,990	X	30	/	30	=	\$2,990
System 5, Well 3								
1041	Well AHB 677 - Replace/Source Approval	\$24,700	X	58	/	85	=	\$16,854
1042	Well Pump - Replace	\$9,270	X	28	/	30	=	\$8,652
1043	Pump Controller - Replace	\$3,610	X	19	/	20	=	\$3,430
1044	Source Meter - Replace	\$2,990	X	13	/	15	=	\$2,591
1045	Pumphouse Electronics - Replace	\$11,800	X	28	/	30	=	\$11,013
1046	Pumphouse Structure - Replace	\$9,480	X	58	/	60	=	\$9,164
1047	Pumphouse Roof - Replace	\$5,970	X	58	/	60	=	\$5,771
System 5, Well 7								
1051	Well AHB 675 - Replace/Source Approval	\$24,700	X	38	/	85	=	\$11,042
1052	Well Pump - Replace	\$9,270	X	6	/	30	=	\$1,854
1053	Pump Controller - Replace	\$8,240	X	15	/	20	=	\$6,180
1054	Source Meter - Replace	\$2,990	X	13	/	15	=	\$2,591
1055	Pumphouse Electronics - Replace	\$11,800	X	28	/	30	=	\$11,013
1056	Pumphouse Structure - Replace	\$9,480	X	38	/	60	=	\$6,004
1057	Pumphouse Roof - Replace	\$2,990	X	30	/	30	=	\$2,990
System 5, Well 11								
1061	Well AHB 676 - Replace/Source Approval	\$31,900	X	37	/	85	=	\$13,886
1062	Well Pump - Replace	\$21,000	X	1	/	30	=	\$700
1063	Pump Controller - Replace	\$6,180	X	19	/	20	=	\$5,871
1064	Source Meter - Replace	\$2,990	X	13	/	15	=	\$2,591
1065	Pumphouse Electronics - Replace	\$11,800	X	28	/	30	=	\$11,013
1066	Pumphouse Structure - Replace	\$9,480	X	37	/	60	=	\$5,846
1067	Pumphouse Roof - Replace	\$2,990	X	30	/	30	=	\$2,990
Reservoirs								
1101	Tanks - Inspect/Repair/Clean	\$97,900	X	4	/	5	=	\$78,320
1102	System 3, Division 2 Concrete - Replc	\$402,000	X	20	/	80	=	\$100,500
1103	System 5, Division 1 Concrete - Replc	\$208,000	X	43	/	80	=	\$111,800
1104	System 5, Division 15 Concrete - Replc	\$195,000	X	53	/	80	=	\$129,188

#	Component	Current Cost Estimate	X	Effective Age	/	Useful Life	=	Fully Funded Balance
1105	System 5, Eastside 1 Concrete - Replc	\$208,000	X	57	/	80	=	\$148,200
1106	System 5, Eastside 2 Concrete - Replc	\$208,000	X	57	/	80	=	\$148,200
1107	System 5, Eastside 3 Concrete - Replc	\$332,000	X	18	/	80	=	\$74,700
1108	System 5, Division 10 Concrete - Replc	\$379,000	X	30	/	80	=	\$142,125
Booster Pump Station Div. 1/Rose Ave.								
1119	Booster Pump/Motor - Replc 1 of 2	\$15,500	X	4	/	30	=	\$2,067
1120	Booster Pump/Motor - Replc 2 of 2	\$20,600	X	20	/	30	=	\$13,733
1121	Pump Controller 1 of 2 - Replace	\$8,240	X	20	/	20	=	\$8,240
1122	Pump Controller 2 of 2 - Replace	\$7,210	X	7	/	20	=	\$2,524
1123	Pumphouse Electronics - Replace	\$11,800	X	20	/	30	=	\$7,867
1124	Pumphouse Structure - Replace	\$9,480	X	37	/	60	=	\$5,846
1125	Pumphouse Roof - Replace	\$3,610	X	44	/	60	=	\$2,647
1127	Generator - Replace	\$59,200	X	7	/	50	=	\$8,288
Booster Pump Station Div. 15								
1129	Booster Pump/Motor - Replc	\$16,500	X	1	/	30	=	\$550
1132	Pump Controller - Replace	\$8,240	X	12	/	20	=	\$4,944
1133	Pumphouse Electronics - Replace	\$11,800	X	28	/	30	=	\$11,013
1134	Pumphouse Structure - Replace	\$9,480	X	2	/	60	=	\$316
1135	Pumphouse Roof - Replace	\$2,990	X	2	/	30	=	\$199
Booster Pump Station Anderson								
1139	Booster Pump/Motor - Replc	\$4,740	X	11	/	30	=	\$1,738
1142	Pump Controller - Replace	\$4,740	X	12	/	20	=	\$2,844
1143	Pumphouse Electronics - Replace	\$2,370	X	28	/	30	=	\$2,212
1144	Pumphouse Structure - Replace	\$7,110	X	28	/	60	=	\$3,318
1145	Pumphouse Roof - Replace	\$2,160	X	28	/	30	=	\$2,016
Booster Pump Station Division 10								
1149	Booster Pump/Motor - Replc 1 of 2	\$21,600	X	6	/	30	=	\$4,320
1150	Booster Pump/Motor - Replc 2 of 2	\$21,600	X	6	/	30	=	\$4,320
1151	Pump Controller 1 of 2 - Replace	\$8,860	X	6	/	20	=	\$2,658
1152	Pump Controller 2 of 2 - Replace	\$8,860	X	6	/	20	=	\$2,658
1153	Pumphouse Electronics - Replace	\$11,800	X	19	/	30	=	\$7,473
1154	Pumphouse Structure - Replace	\$23,700	X	55	/	60	=	\$21,725
1155	Pumphouse Roof - Replace	\$9,480	X	55	/	60	=	\$8,690
1157	Generator - Replace	\$82,900	X	13	/	50	=	\$21,554
1158	Propane Tank, Generator - Replace	\$2,990	X	13	/	40	=	\$972
Booster Pump Station Rim View, Bi-Directional								
1159	Booster Pump/Motor - Replc	\$9,480	X	12	/	30	=	\$3,792
1162	Pump Controller - Replace	\$7,110	X	20	/	20	=	\$7,110
1163	Pumphouse Electronics - Replace	\$11,800	X	28	/	30	=	\$11,013
1164	Pumphouse Structure - Replace	\$11,800	X	28	/	60	=	\$5,507
1165	Pumphouse Roof - Replace	\$2,990	X	28	/	30	=	\$2,791
1167	Pressure Reducing Valves - Replace	\$15,500	X	4	/	10	=	\$6,200
System 3 General Expenditures								
1200	Distribution Mains, Sys 3 - Replace	\$300,000	X	0	/	1	=	\$0
1204	Isolation Valves - Replace	\$4,000	X	1	/	1	=	\$4,000
1205	Blow-Off Assemblies - Replace	\$1,000	X	1	/	1	=	\$1,000
1206	Air-Vacuum Release Valves - Replace	\$1,000	X	1	/	1	=	\$1,000
1208	Fire Hydrants - Replace	\$3,000	X	1	/	1	=	\$3,000
1210	Meter Setters - Replace	\$141,000	X	20	/	35	=	\$80,571

#	Component	Current Cost Estimate	X	Effective Age	/	Useful Life	=	Fully Funded Balance
1212	Service Meters - Replace Year 1 Of 5	\$143,000	X	20	/	20	=	\$143,000
System 5 General Expenditures								
1250	Distribution Mains, Sys 5 - Replace	\$700,000	X	0	/	1	=	\$0
1254	Isolation Valves - Replace	\$12,000	X	1	/	1	=	\$12,000
1255	Blow-Off Assemblies - Replace	\$5,000	X	1	/	1	=	\$5,000
1256	Air-Vacuum Release Valves - Replace	\$2,000	X	1	/	1	=	\$2,000
1257	PRV Vaults - Replace	\$18,000	X	30	/	30	=	\$18,000
1258	Fire Hydrants - Replace	\$10,000	X	1	/	1	=	\$10,000
1260	Meter Setters - Replace	\$565,000	X	20	/	35	=	\$322,857
1262	Service Meters - Year 2 of 5	\$144,000	X	19	/	20	=	\$136,800
1263	Service Meters - Year 3 of 5	\$144,000	X	18	/	20	=	\$129,600
1264	Service Meters - Year 4 of 5	\$144,000	X	17	/	20	=	\$122,400
1265	Service Meters - Year 5 of 5	\$144,000	X	16	/	20	=	\$115,200
Vehicles/Equipment								
790	Ditch Witch Vacuum (#683) - Replace	\$41,200	X	9	/	20	=	\$18,540
791	Utility Trailer, Olympic (#237) - Rplc	\$7,730	X	9	/	20	=	\$3,479
792	Generator - Replace	\$25,800	X	36	/	40	=	\$23,220
793	Ford F550 Utility Truck - Replace	\$67,000	X	2	/	15	=	\$8,933
794	Ford F-150 Truck (#39) - Replace	\$46,300	X	9	/	10	=	\$41,670
795	Ford F350 Flatbed Truck (#914) - Replace	\$61,800	X	10	/	10	=	\$61,800
General								
630	SCADA & Telemetry Upgrades	\$700,000	X	1	/	20	=	\$35,000
632	Security Trailer - Refurbish	\$10,300	X	7	/	30	=	\$2,403
								\$3,676,042

#	Component	Useful Life (yrs)	Current Cost Estimate	Deterioration Cost/Yr	Deterioration Significance
Capital Improvements from 2024 Water System Plan					
600	Water Mains/Hydrants 2026 - Replace	1	\$522,500	\$522,500	3.99 %
602	Water Mains/Hydrants 2027 - Replace	1	\$601,800	\$601,800	4.60 %
603	Water Mains/Hydrants 2028 - Replace	1	\$657,500	\$657,500	5.03 %
604	Water Mains/Hydrants 2029 - Replace	1	\$754,100	\$754,100	5.77 %
605	Water Mains/Hydrants 2030 - Replace	1	\$757,100	\$757,100	5.79 %
606	Water Mains/Hydrants 2031 - Replace	1	\$810,800	\$810,800	6.20 %
607	Water Mains/Hydrants 2032 - Replace	1	\$942,900	\$942,900	7.21 %
608	Water Mains/Hydrants 2033 - Replace	1	\$1,015,200	\$1,015,200	7.76 %
609	Water Mains/Hydrants 2034 - Replace	1	\$1,028,400	\$1,028,400	7.86 %
610	Water Mains/Hydrants 2035 - Replace	1	\$1,029,500	\$1,029,500	7.87 %
611	Water Mains/Hydrants 2036 - Replace	1	\$1,292,600	\$1,292,600	9.88 %
612	Water Mains/Hydrants 2037 - Replace	1	\$2,272,800	\$2,272,800	17.38 %
636	Well 5 & 8 Backup Generator & ATS 2026	1	\$155,000	\$155,000	1.19 %
640	Water System Plan Update 2034	10	\$87,600	\$8,760	0.07 %
System 3, Well 2					
801	Well AHB 683 - Replace/Source Approval	85	\$38,100	\$448	0.00 %
802	Well Pump - Replace	30	\$35,500	\$1,183	0.01 %
803	Pump Controller - Replace	20	\$10,300	\$515	0.00 %
804	Source Meter - Replace	15	\$2,990	\$199	0.00 %
805	Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
806	Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
807	Pumphouse Roof - Replace	60	\$4,120	\$69	0.00 %
808	Generator - Replace	50	\$67,000	\$1,340	0.01 %
System 3, Well 10					
811	Well AHB 682 - Replace/Source Approval	85	\$33,000	\$388	0.00 %
812	Well Pump - Replace	30	\$35,500	\$1,183	0.01 %
813	Pump Controller - Replace	20	\$8,240	\$412	0.00 %
814	Source Meter - Replace	15	\$2,990	\$199	0.00 %
815	Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
816	Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
817	Pumphouse Roof - Replace	30	\$2,990	\$100	0.00 %
System 5, Well 1					
1001	Well AHB 681 - Replace/Source Approval	85	\$27,800	\$327	0.00 %
1002	Well Pump - Replace	30	\$35,500	\$1,183	0.01 %
1003	Pump Controller - Replace	20	\$8,240	\$412	0.00 %
1004	Source Meter - Replace	15	\$2,990	\$199	0.00 %
1005	Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1006	Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
1007	Pumphouse Roof - Replace	60	\$3,610	\$60	0.00 %
System 5, Well 9					
1011	Well AHB 680 - Replace/Source Approval	85	\$36,100	\$425	0.00 %
1012	Well Pump - Replace	30	\$41,200	\$1,373	0.01 %
1013	Pump Controller - Replace	20	\$8,240	\$412	0.00 %
1014	Source Meter - Replace	15	\$2,990	\$199	0.00 %

# Component	Useful Life (yrs)	Current Cost Estimate	Deterioration Cost/Yr	Deterioration Significance
1015 Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1016 Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
1017 Pumphouse Roof - Replace	30	\$2,990	\$100	0.00 %
1018 Generator - Replace	50	\$67,000	\$1,340	0.01 %
System 5, Well 8				
1021 Well AHB 679 - Replace/Source Approval	85	\$27,800	\$327	0.00 %
1022 Well Pump - Replace	30	\$13,400	\$447	0.00 %
1023 Pump Controller - Replace	20	\$8,240	\$412	0.00 %
1024 Source Meter - Replace	15	\$2,990	\$199	0.00 %
1025 Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1026 Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
1027 Pumphouse Roof - Replace	30	\$2,990	\$100	0.00 %
System 5, Well 5				
1031 Well AHB 678 - Replace/Source Approval	85	\$27,800	\$327	0.00 %
1032 Well Pump - Replace	30	\$14,400	\$480	0.00 %
1033 Pump Controller - Replace	20	\$8,240	\$412	0.00 %
1034 Source Meter - Replace	15	\$2,990	\$199	0.00 %
1035 Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1036 Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
1037 Pumphouse Roof - Replace	30	\$2,990	\$100	0.00 %
System 5, Well 3				
1041 Well AHB 677 - Replace/Source Approval	85	\$24,700	\$291	0.00 %
1042 Well Pump - Replace	30	\$9,270	\$309	0.00 %
1043 Pump Controller - Replace	20	\$3,610	\$181	0.00 %
1044 Source Meter - Replace	15	\$2,990	\$199	0.00 %
1045 Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1046 Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
1047 Pumphouse Roof - Replace	60	\$5,970	\$100	0.00 %
System 5, Well 7				
1051 Well AHB 675 - Replace/Source Approval	85	\$24,700	\$291	0.00 %
1052 Well Pump - Replace	30	\$9,270	\$309	0.00 %
1053 Pump Controller - Replace	20	\$8,240	\$412	0.00 %
1054 Source Meter - Replace	15	\$2,990	\$199	0.00 %
1055 Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1056 Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
1057 Pumphouse Roof - Replace	30	\$2,990	\$100	0.00 %
System 5, Well 11				
1061 Well AHB 676 - Replace/Source Approval	85	\$31,900	\$375	0.00 %
1062 Well Pump - Replace	30	\$21,000	\$700	0.01 %
1063 Pump Controller - Replace	20	\$6,180	\$309	0.00 %
1064 Source Meter - Replace	15	\$2,990	\$199	0.00 %
1065 Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1066 Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
1067 Pumphouse Roof - Replace	30	\$2,990	\$100	0.00 %
Reservoirs				
1101 Tanks - Inspect/Repair/Clean	5	\$97,900	\$19,580	0.15 %
1102 System 3, Division 2 Concrete - Replc	80	\$402,000	\$5,025	0.04 %
1103 System 5, Division 1 Concrete - Replc	80	\$208,000	\$2,600	0.02 %
1104 System 5, Division 15 Concrete - Replc	80	\$195,000	\$2,438	0.02 %

#	Component	Useful Life (yrs)	Current Cost Estimate	Deterioration Cost/Yr	Deterioration Significance
1105	System 5, Eastside 1 Concrete - Replc	80	\$208,000	\$2,600	0.02 %
1106	System 5, Eastside 2 Concrete - Replc	80	\$208,000	\$2,600	0.02 %
1107	System 5, Eastside 3 Concrete - Replc	80	\$332,000	\$4,150	0.03 %
1108	System 5, Division 10 Concrete - Replc	80	\$379,000	\$4,738	0.04 %
Booster Pump Station Div. 1/Rose Ave.					
1119	Booster Pump/Motor - Replc 1 of 2	30	\$15,500	\$517	0.00 %
1120	Booster Pump/Motor - Replc 2 of 2	30	\$20,600	\$687	0.01 %
1121	Pump Controller 1 of 2 - Replace	20	\$8,240	\$412	0.00 %
1122	Pump Controller 2 of 2 - Replace	20	\$7,210	\$361	0.00 %
1123	Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1124	Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
1125	Pumphouse Roof - Replace	60	\$3,610	\$60	0.00 %
1127	Generator - Replace	50	\$59,200	\$1,184	0.01 %
Booster Pump Station Div. 15					
1129	Booster Pump/Motor - Replc	30	\$16,500	\$550	0.00 %
1132	Pump Controller - Replace	20	\$8,240	\$412	0.00 %
1133	Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1134	Pumphouse Structure - Replace	60	\$9,480	\$158	0.00 %
1135	Pumphouse Roof - Replace	30	\$2,990	\$100	0.00 %
Booster Pump Station Anderson					
1139	Booster Pump/Motor - Replc	30	\$4,740	\$158	0.00 %
1142	Pump Controller - Replace	20	\$4,740	\$237	0.00 %
1143	Pumphouse Electronics - Replace	30	\$2,370	\$79	0.00 %
1144	Pumphouse Structure - Replace	60	\$7,110	\$119	0.00 %
1145	Pumphouse Roof - Replace	30	\$2,160	\$72	0.00 %
Booster Pump Station Division 10					
1149	Booster Pump/Motor - Replc 1 of 2	30	\$21,600	\$720	0.01 %
1150	Booster Pump/Motor - Replc 2 of 2	30	\$21,600	\$720	0.01 %
1151	Pump Controller 1 of 2 - Replace	20	\$8,860	\$443	0.00 %
1152	Pump Controller 2 of 2 - Replace	20	\$8,860	\$443	0.00 %
1153	Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1154	Pumphouse Structure - Replace	60	\$23,700	\$395	0.00 %
1155	Pumphouse Roof - Replace	60	\$9,480	\$158	0.00 %
1157	Generator - Replace	50	\$82,900	\$1,658	0.01 %
1158	Propane Tank, Generator - Replace	40	\$2,990	\$75	0.00 %
Booster Pump Station Rim View, Bi-Directional					
1159	Booster Pump/Motor - Replc	30	\$9,480	\$316	0.00 %
1162	Pump Controller - Replace	20	\$7,110	\$356	0.00 %
1163	Pumphouse Electronics - Replace	30	\$11,800	\$393	0.00 %
1164	Pumphouse Structure - Replace	60	\$11,800	\$197	0.00 %
1165	Pumphouse Roof - Replace	30	\$2,990	\$100	0.00 %
1167	Pressure Reducing Valves - Replace	10	\$15,500	\$1,550	0.01 %
System 3 General Expenditures					
1200	Distribution Mains, Sys 3 - Replace	1	\$300,000	\$300,000	2.29 %
1204	Isolation Valves - Replace	1	\$4,000	\$4,000	0.03 %
1205	Blow-Off Assemblies - Replace	1	\$1,000	\$1,000	0.01 %
1206	Air-Vacuum Release Valves - Replace	1	\$1,000	\$1,000	0.01 %
1208	Fire Hydrants - Replace	1	\$3,000	\$3,000	0.02 %

#	Component	Useful Life (yrs)	Current Cost Estimate	Deterioration Cost/Yr	Deterioration Significance
1210	Meter Setters - Replace	35	\$141,000	\$4,029	0.03 %
1212	Service Meters - Replace Year 1 Of 5	20	\$143,000	\$7,150	0.05 %
System 5 General Expenditures					
1250	Distribution Mains, Sys 5 - Replace	1	\$700,000	\$700,000	5.35 %
1254	Isolation Valves - Replace	1	\$12,000	\$12,000	0.09 %
1255	Blow-Off Assemblies - Replace	1	\$5,000	\$5,000	0.04 %
1256	Air-Vacuum Release Valves - Replace	1	\$2,000	\$2,000	0.02 %
1257	PRV Vaults - Replace	30	\$18,000	\$600	0.00 %
1258	Fire Hydrants - Replace	1	\$10,000	\$10,000	0.08 %
1260	Meter Setters - Replace	35	\$565,000	\$16,143	0.12 %
1262	Service Meters - Year 2 of 5	20	\$144,000	\$7,200	0.06 %
1263	Service Meters - Year 3 of 5	20	\$144,000	\$7,200	0.06 %
1264	Service Meters - Year 4 of 5	20	\$144,000	\$7,200	0.06 %
1265	Service Meters - Year 5 of 5	20	\$144,000	\$7,200	0.06 %
Vehicles/Equipment					
790	Ditch Witch Vacuum (#683) - Replace	20	\$41,200	\$2,060	0.02 %
791	Utility Trailer, Olympic (#237) - Rplc	20	\$7,730	\$387	0.00 %
792	Generator - Replace	40	\$25,800	\$645	0.00 %
793	Ford F550 Utility Truck - Replace	15	\$67,000	\$4,467	0.03 %
794	Ford F-150 Truck (#39) - Replace	10	\$46,300	\$4,630	0.04 %
795	Ford F350 Flatbed Truck (#914) - Replace	10	\$61,800	\$6,180	0.05 %
General					
630	SCADA & Telemetry Upgrades	20	\$700,000	\$35,000	0.27 %
632	Security Trailer - Refurbish	30	\$10,300	\$343	0.00 %
146	Total Funded Components			\$13,079,194	100.00 %

30-Year Reserve Plan Summary

Report # 28010-2
No-Site-Visit

Fiscal Year Start: 2026

Net After Tax Interest: 1.00 %

Avg 30-Yr Inflation: 3.00 %

Reserve Fund Strength: as-of Fiscal Year Start Date	Projected Reserve Balance Changes
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Year	Starting Reserve Balance	Fully Funded Balance	Percent Funded	Special Assmt Risk	% Increase		Loan or Special Assmts	Interest Income	Reserve Expenses
					In Annual Reserve Funding	Reserve Funding			
2026	\$979,372	\$3,676,042	26.6 %	High	10.75 %	\$1,405,200	\$0	\$12,017	\$971,590
2027	\$1,424,999	\$3,651,603	39.0 %	Medium	3.00 %	\$1,447,356	\$0	\$16,648	\$982,898
2028	\$1,906,105	\$3,699,856	51.5 %	Medium	3.00 %	\$1,490,777	\$0	\$21,232	\$1,075,954
2029	\$2,342,160	\$3,787,799	61.8 %	Medium	3.00 %	\$1,535,500	\$0	\$26,104	\$1,022,902
2030	\$2,880,862	\$3,968,957	72.6 %	Low	3.00 %	\$1,581,565	\$0	\$31,353	\$1,101,310
2031	\$3,392,470	\$4,170,674	81.3 %	Low	3.00 %	\$1,629,012	\$0	\$36,928	\$1,062,104
2032	\$3,996,307	\$4,613,070	86.6 %	Low	3.00 %	\$1,677,882	\$0	\$42,011	\$1,306,651
2033	\$4,409,549	\$4,948,112	89.1 %	Low	3.00 %	\$1,728,219	\$0	\$46,473	\$1,295,303
2034	\$4,888,937	\$5,367,889	91.1 %	Low	3.00 %	\$1,780,065	\$0	\$50,630	\$1,478,295
2035	\$5,241,337	\$5,661,378	92.6 %	Low	3.00 %	\$1,833,467	\$0	\$54,868	\$1,392,845
2036	\$5,736,827	\$6,454,922	88.9 %	Low	3.00 %	\$1,888,471	\$0	\$57,500	\$1,914,812
2037	\$5,767,985	\$8,153,224	70.7 %	Low	3.00 %	\$1,945,125	\$0	\$49,435	\$3,639,317
2038	\$4,123,229	\$6,415,833	64.3 %	Medium	3.00 %	\$2,003,479	\$0	\$43,374	\$1,614,817
2039	\$4,555,265	\$6,764,550	67.3 %	Medium	3.00 %	\$2,063,584	\$0	\$47,923	\$1,633,318
2040	\$5,033,454	\$7,159,258	70.3 %	Low	3.00 %	\$2,125,491	\$0	\$53,221	\$1,596,871
2041	\$5,615,295	\$7,659,571	73.3 %	Low	3.00 %	\$2,189,256	\$0	\$53,760	\$2,717,095
2042	\$5,141,216	\$7,078,971	72.6 %	Low	3.00 %	\$2,254,933	\$0	\$53,665	\$1,853,452
2043	\$5,596,362	\$7,430,152	75.3 %	Low	3.00 %	\$2,322,581	\$0	\$59,046	\$1,760,134
2044	\$6,217,856	\$7,949,422	78.2 %	Low	3.00 %	\$2,392,259	\$0	\$64,774	\$1,932,398
2045	\$6,742,491	\$8,370,118	80.6 %	Low	3.00 %	\$2,464,027	\$0	\$64,762	\$3,055,905
2046	\$6,215,375	\$7,711,400	80.6 %	Low	3.00 %	\$2,537,948	\$0	\$63,773	\$2,272,359
2047	\$6,544,737	\$7,907,106	82.8 %	Low	3.00 %	\$2,614,086	\$0	\$66,241	\$2,515,993
2048	\$6,709,071	\$7,926,886	84.6 %	Low	3.00 %	\$2,692,509	\$0	\$69,186	\$2,336,688
2049	\$7,134,078	\$8,203,165	87.0 %	Low	3.00 %	\$2,773,284	\$0	\$69,279	\$3,248,958
2050	\$6,727,683	\$7,621,453	88.3 %	Low	3.00 %	\$2,856,482	\$0	\$69,329	\$2,509,423
2051	\$7,144,072	\$7,859,568	90.9 %	Low	3.00 %	\$2,942,177	\$0	\$75,371	\$2,225,100
2052	\$7,936,520	\$8,475,506	93.6 %	Low	3.00 %	\$3,030,442	\$0	\$82,311	\$2,516,526
2053	\$8,532,747	\$8,889,912	96.0 %	Low	3.00 %	\$3,121,355	\$0	\$87,332	\$2,800,357
2054	\$8,941,077	\$9,106,969	98.2 %	Low	3.00 %	\$3,214,996	\$0	\$91,927	\$2,795,779
2055	\$9,452,222	\$9,420,296	100.3 %	Low	3.00 %	\$3,311,446	\$0	\$98,408	\$2,624,271

30-Year Reserve Plan Summary (Alternate Funding Plan)

Report # 28010-2
No-Site-Visit

Fiscal Year Start: 2026

Net After Tax Interest: 1.00 %

Avg 30-Yr Inflation: 3.00 %

Reserve Fund Strength: as-of Fiscal Year Start Date	Projected Reserve Balance Changes
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Year	Starting Reserve Balance	Fully Funded Balance	Percent Funded	Special Assmt Risk	% Increase		Loan or Special Assmts	Interest Income	Reserve Expenses
					In Annual Reserve Funding	Reserve Funding			
2026	\$979,372	\$3,676,042	26.6 %	High	-2.96 %	\$1,231,200	\$0	\$11,143	\$971,590
2027	\$1,250,125	\$3,651,603	34.2 %	Medium	3.00 %	\$1,268,136	\$0	\$13,991	\$982,898
2028	\$1,549,354	\$3,699,856	41.9 %	Medium	3.00 %	\$1,306,180	\$0	\$16,721	\$1,075,954
2029	\$1,796,301	\$3,787,799	47.4 %	Medium	3.00 %	\$1,345,365	\$0	\$19,665	\$1,022,902
2030	\$2,138,431	\$3,968,957	53.9 %	Medium	3.00 %	\$1,385,726	\$0	\$22,911	\$1,101,310
2031	\$2,445,758	\$4,170,674	58.6 %	Medium	3.00 %	\$1,427,298	\$0	\$26,404	\$1,062,104
2032	\$2,837,357	\$4,613,070	61.5 %	Medium	3.00 %	\$1,470,117	\$0	\$29,325	\$1,306,651
2033	\$3,030,147	\$4,948,112	61.2 %	Medium	3.00 %	\$1,514,221	\$0	\$31,540	\$1,295,303
2034	\$3,280,605	\$5,367,889	61.1 %	Medium	3.00 %	\$1,559,647	\$0	\$33,365	\$1,478,295
2035	\$3,395,323	\$5,661,378	60.0 %	Medium	3.00 %	\$1,606,437	\$0	\$35,182	\$1,392,845
2036	\$3,644,096	\$6,454,922	56.5 %	Medium	3.00 %	\$1,654,630	\$0	\$35,302	\$1,914,812
2037	\$3,419,216	\$8,153,224	41.9 %	Medium	3.00 %	\$1,704,269	\$0	\$24,630	\$3,639,317
2038	\$1,508,797	\$6,415,833	23.5 %	High	3.00 %	\$1,755,397	\$0	\$15,863	\$1,614,817
2039	\$1,665,241	\$6,764,550	24.6 %	High	3.00 %	\$1,808,059	\$0	\$17,607	\$1,633,318
2040	\$1,857,588	\$7,159,258	25.9 %	High	3.00 %	\$1,862,300	\$0	\$19,995	\$1,596,871
2041	\$2,143,012	\$7,659,571	28.0 %	High	3.00 %	\$1,918,169	\$0	\$17,516	\$2,717,095
2042	\$1,361,602	\$7,078,971	19.2 %	High	3.00 %	\$1,975,715	\$0	\$14,293	\$1,853,452
2043	\$1,498,157	\$7,430,152	20.2 %	High	3.00 %	\$2,034,986	\$0	\$16,431	\$1,760,134
2044	\$1,789,440	\$7,949,422	22.5 %	High	3.00 %	\$2,096,036	\$0	\$18,799	\$1,932,398
2045	\$1,971,877	\$8,370,118	23.6 %	High	3.00 %	\$2,158,917	\$0	\$15,304	\$3,055,905
2046	\$1,090,192	\$7,711,400	14.1 %	High	3.00 %	\$2,223,684	\$0	\$10,708	\$2,272,359
2047	\$1,052,225	\$7,907,106	13.3 %	High	3.00 %	\$2,290,395	\$0	\$9,437	\$2,515,993
2048	\$836,064	\$7,926,886	10.5 %	High	3.00 %	\$2,359,107	\$0	\$8,512	\$2,336,688
2049	\$866,994	\$8,203,165	10.6 %	High	3.00 %	\$2,429,880	\$0	\$4,596	\$3,248,958
2050	\$52,512	\$7,621,453	0.7 %	High	3.00 %	\$2,502,776	\$0	\$494	\$2,509,423
2051	\$46,359	\$7,859,568	0.6 %	High	3.00 %	\$2,577,859	\$0	\$2,238	\$2,225,100
2052	\$401,356	\$8,475,506	4.7 %	High	3.00 %	\$2,655,195	\$0	\$4,729	\$2,516,526
2053	\$544,754	\$8,889,912	6.1 %	High	3.00 %	\$2,734,851	\$0	\$5,144	\$2,800,357
2054	\$484,391	\$9,106,969	5.3 %	High	3.00 %	\$2,816,897	\$0	\$4,972	\$2,795,779
2055	\$510,481	\$9,420,296	5.4 %	High	3.00 %	\$2,901,403	\$0	\$6,520	\$2,624,271

Fiscal Year	2026	2027	2028	2029	2030
Starting Reserve Balance	\$979,372	\$1,424,999	\$1,906,105	\$2,342,160	\$2,880,862
Annual Reserve Funding	\$1,405,200	\$1,447,356	\$1,490,777	\$1,535,500	\$1,581,565
Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
Interest Earnings	\$12,017	\$16,648	\$21,232	\$26,104	\$31,353
Total Income	\$2,396,589	\$2,889,003	\$3,418,114	\$3,903,764	\$4,493,781
# Component					
Capital Improvements from 2024 Water System Plan					
600 Water Mains/Hydrants 2026 - Replace	\$522,500	\$0	\$0	\$0	\$0
602 Water Mains/Hydrants 2027 - Replace	\$0	\$619,854	\$0	\$0	\$0
603 Water Mains/Hydrants 2028 - Replace	\$0	\$0	\$697,542	\$0	\$0
604 Water Mains/Hydrants 2029 - Replace	\$0	\$0	\$0	\$824,025	\$0
605 Water Mains/Hydrants 2030 - Replace	\$0	\$0	\$0	\$0	\$852,123
606 Water Mains/Hydrants 2031 - Replace	\$0	\$0	\$0	\$0	\$0
607 Water Mains/Hydrants 2032 - Replace	\$0	\$0	\$0	\$0	\$0
608 Water Mains/Hydrants 2033 - Replace	\$0	\$0	\$0	\$0	\$0
609 Water Mains/Hydrants 2034 - Replace	\$0	\$0	\$0	\$0	\$0
610 Water Mains/Hydrants 2035 - Replace	\$0	\$0	\$0	\$0	\$0
611 Water Mains/Hydrants 2036 - Replace	\$0	\$0	\$0	\$0	\$0
612 Water Mains/Hydrants 2037 - Replace	\$0	\$0	\$0	\$0	\$0
636 Well 5 & 8 Backup Generator & ATS 2026	\$155,000	\$0	\$0	\$0	\$0
640 Water System Plan Update 2034	\$0	\$0	\$0	\$0	\$0
System 3, Well 2					
801 Well AHB 683 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
802 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
803 Pump Controller - Replace	\$0	\$0	\$10,927	\$0	\$0
804 Source Meter - Replace	\$0	\$0	\$3,172	\$0	\$0
805 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
806 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$10,670
807 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$4,637
808 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 3, Well 10					
811 Well AHB 682 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
812 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
813 Pump Controller - Replace	\$0	\$0	\$8,742	\$0	\$0
814 Source Meter - Replace	\$0	\$0	\$3,172	\$0	\$0
815 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
816 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
817 Pumphouse Roof - Replace	\$2,990	\$0	\$0	\$0	\$0
System 5, Well 1					
1001 Well AHB 681 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1002 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1003 Pump Controller - Replace	\$0	\$8,487	\$0	\$0	\$0
1004 Source Meter - Replace	\$0	\$0	\$3,172	\$0	\$0
1005 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1006 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1007 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 9					
1011 Well AHB 680 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1012 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1013 Pump Controller - Replace	\$0	\$8,487	\$0	\$0	\$0
1014 Source Meter - Replace	\$0	\$0	\$3,172	\$0	\$0
1015 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1016 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1017 Pumphouse Roof - Replace	\$2,990	\$0	\$0	\$0	\$0
1018 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 8					
1021 Well AHB 679 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1022 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1023 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1024 Source Meter - Replace	\$0	\$0	\$3,172	\$0	\$0
1025 Pumphouse Electronics - Replace	\$0	\$0	\$12,519	\$0	\$0

Fiscal Year	2026	2027	2028	2029	2030
1026 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1027 Pumphouse Roof - Replace	\$2,990	\$0	\$0	\$0	\$0
System 5, Well 5					
1031 Well AHB 678 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1032 Well Pump - Replace	\$0	\$0	\$15,277	\$0	\$0
1033 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1034 Source Meter - Replace	\$0	\$0	\$3,172	\$0	\$0
1035 Pumphouse Electronics - Replace	\$0	\$0	\$12,519	\$0	\$0
1036 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1037 Pumphouse Roof - Replace	\$2,990	\$0	\$0	\$0	\$0
System 5, Well 3					
1041 Well AHB 677 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1042 Well Pump - Replace	\$0	\$0	\$9,835	\$0	\$0
1043 Pump Controller - Replace	\$0	\$3,718	\$0	\$0	\$0
1044 Source Meter - Replace	\$0	\$0	\$3,172	\$0	\$0
1045 Pumphouse Electronics - Replace	\$0	\$0	\$12,519	\$0	\$0
1046 Pumphouse Structure - Replace	\$0	\$0	\$10,057	\$0	\$0
1047 Pumphouse Roof - Replace	\$0	\$0	\$6,334	\$0	\$0
System 5, Well 7					
1051 Well AHB 675 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1052 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1053 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1054 Source Meter - Replace	\$0	\$0	\$3,172	\$0	\$0
1055 Pumphouse Electronics - Replace	\$0	\$0	\$12,519	\$0	\$0
1056 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1057 Pumphouse Roof - Replace	\$2,990	\$0	\$0	\$0	\$0
System 5, Well 11					
1061 Well AHB 676 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1062 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1063 Pump Controller - Replace	\$0	\$6,365	\$0	\$0	\$0
1064 Source Meter - Replace	\$0	\$0	\$3,172	\$0	\$0
1065 Pumphouse Electronics - Replace	\$0	\$0	\$12,519	\$0	\$0
1066 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1067 Pumphouse Roof - Replace	\$2,990	\$0	\$0	\$0	\$0
Reservoirs					
1101 Tanks - Inspect/Repair/Clean	\$0	\$100,837	\$0	\$0	\$0
1102 System 3, Division 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1103 System 5, Division 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1104 System 5, Division 15 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1105 System 5, Eastside 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1106 System 5, Eastside 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1107 System 5, Eastside 3 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1108 System 5, Division 10 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 1/Rose Ave.					
1119 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1120 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0
1121 Pump Controller 1 of 2 - Replace	\$8,240	\$0	\$0	\$0	\$0
1122 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1123 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1124 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1125 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1127 Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 15					
1129 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1132 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1133 Pumphouse Electronics - Replace	\$0	\$0	\$12,519	\$0	\$0
1134 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1135 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Anderson					
1139 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1142 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1143 Pumphouse Electronics - Replace	\$0	\$0	\$2,514	\$0	\$0
1144 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1145 Pumphouse Roof - Replace	\$0	\$0	\$2,292	\$0	\$0
Booster Pump Station Division 10					
1149 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1150 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2026	2027	2028	2029	2030
1151 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1152 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1153 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1154 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1155 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1157 Generator - Replace	\$0	\$0	\$0	\$0	\$0
1158 Propane Tank, Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Rim View, Bi-Directional					
1159 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1162 Pump Controller - Replace	\$7,110	\$0	\$0	\$0	\$0
1163 Pumphouse Electronics - Replace	\$0	\$0	\$12,519	\$0	\$0
1164 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1165 Pumphouse Roof - Replace	\$0	\$0	\$3,172	\$0	\$0
1167 Pressure Reducing Valves - Replace	\$0	\$0	\$0	\$0	\$0
System 3 General Expenditures					
1200 Distribution Mains, Sys 3 - Replace	\$0	\$0	\$0	\$0	\$0
1204 Isolation Valves - Replace	\$4,000	\$4,120	\$4,244	\$4,371	\$4,502
1205 Blow-Off Assemblies - Replace	\$1,000	\$1,030	\$1,061	\$1,093	\$1,126
1206 Air-Vacuum Release Valves - Replace	\$1,000	\$1,030	\$1,061	\$1,093	\$1,126
1208 Fire Hydrants - Replace	\$3,000	\$3,090	\$3,183	\$3,278	\$3,377
1210 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1212 Service Meters - Replace Year 1 Of 5	\$143,000	\$0	\$0	\$0	\$0
System 5 General Expenditures					
1250 Distribution Mains, Sys 5 - Replace	\$0	\$0	\$0	\$0	\$0
1254 Isolation Valves - Replace	\$12,000	\$12,360	\$12,731	\$13,113	\$13,506
1255 Blow-Off Assemblies - Replace	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628
1256 Air-Vacuum Release Valves - Replace	\$2,000	\$2,060	\$2,122	\$2,185	\$2,251
1257 PRV Vaults - Replace	\$18,000	\$0	\$0	\$0	\$0
1258 Fire Hydrants - Replace	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255
1260 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1262 Service Meters - Year 2 of 5	\$0	\$148,320	\$0	\$0	\$0
1263 Service Meters - Year 3 of 5	\$0	\$0	\$152,770	\$0	\$0
1264 Service Meters - Year 4 of 5	\$0	\$0	\$0	\$157,353	\$0
1265 Service Meters - Year 5 of 5	\$0	\$0	\$0	\$0	\$162,073
Vehicles/Equipment					
790 Ditch Witch Vacuum (#683) - Replace	\$0	\$0	\$0	\$0	\$0
791 Utility Trailer, Olympic (#237) - Rplc	\$0	\$0	\$0	\$0	\$0
792 Generator - Replace	\$0	\$0	\$0	\$0	\$29,038
793 Ford F550 Utility Truck - Replace	\$0	\$0	\$0	\$0	\$0
794 Ford F-150 Truck (#39) - Replace	\$0	\$47,689	\$0	\$0	\$0
795 Ford F350 Flatbed Truck (#914) - Replace	\$61,800	\$0	\$0	\$0	\$0
General					
630 SCADA & Telemetry Upgrades	\$0	\$0	\$0	\$0	\$0
632 Security Trailer - Refurbish	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$971,590	\$982,898	\$1,075,954	\$1,022,902	\$1,101,310
Ending Reserve Balance	\$1,424,999	\$1,906,105	\$2,342,160	\$2,880,862	\$3,392,470

Fiscal Year	2031	2032	2033	2034	2035
Starting Reserve Balance	\$3,392,470	\$3,996,307	\$4,409,549	\$4,888,937	\$5,241,337
Annual Reserve Funding	\$1,629,012	\$1,677,882	\$1,728,219	\$1,780,065	\$1,833,467
Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
Interest Earnings	\$36,928	\$42,011	\$46,473	\$50,630	\$54,868
Total Income	\$5,058,411	\$5,716,201	\$6,184,241	\$6,719,633	\$7,129,672
# Component					
Capital Improvements from 2024 Water System Plan					
600 Water Mains/Hydrants 2026 - Replace	\$0	\$0	\$0	\$0	\$0
602 Water Mains/Hydrants 2027 - Replace	\$0	\$0	\$0	\$0	\$0
603 Water Mains/Hydrants 2028 - Replace	\$0	\$0	\$0	\$0	\$0
604 Water Mains/Hydrants 2029 - Replace	\$0	\$0	\$0	\$0	\$0
605 Water Mains/Hydrants 2030 - Replace	\$0	\$0	\$0	\$0	\$0
606 Water Mains/Hydrants 2031 - Replace	\$939,939	\$0	\$0	\$0	\$0
607 Water Mains/Hydrants 2032 - Replace	\$0	\$1,125,872	\$0	\$0	\$0
608 Water Mains/Hydrants 2033 - Replace	\$0	\$0	\$1,248,568	\$0	\$0
609 Water Mains/Hydrants 2034 - Replace	\$0	\$0	\$0	\$1,302,746	\$0
610 Water Mains/Hydrants 2035 - Replace	\$0	\$0	\$0	\$0	\$1,343,264
611 Water Mains/Hydrants 2036 - Replace	\$0	\$0	\$0	\$0	\$0
612 Water Mains/Hydrants 2037 - Replace	\$0	\$0	\$0	\$0	\$0
636 Well 5 & 8 Backup Generator & ATS 2026	\$0	\$0	\$0	\$0	\$0
640 Water System Plan Update 2034	\$0	\$0	\$0	\$110,969	\$0
System 3, Well 2					
801 Well AHB 683 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
802 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
803 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
804 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
805 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
806 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
807 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
808 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 3, Well 10					
811 Well AHB 682 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
812 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
813 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
814 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
815 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
816 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
817 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 1					
1001 Well AHB 681 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1002 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1003 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1004 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1005 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1006 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1007 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 9					
1011 Well AHB 680 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1012 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1013 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1014 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1015 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1016 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1017 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1018 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 8					
1021 Well AHB 679 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1022 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1023 Pump Controller - Replace	\$9,552	\$0	\$0	\$0	\$0
1024 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1025 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1026 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1027 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 5					
1031 Well AHB 678 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1032 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2031	2032	2033	2034	2035
1033 Pump Controller - Replace	\$9,552	\$0	\$0	\$0	\$0
1034 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1035 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1036 Pumphouse Structure - Replace	\$10,990	\$0	\$0	\$0	\$0
1037 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 3					
1041 Well AHB 677 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1042 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1043 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1044 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1045 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1046 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1047 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 7					
1051 Well AHB 675 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1052 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1053 Pump Controller - Replace	\$9,552	\$0	\$0	\$0	\$0
1054 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1055 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1056 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1057 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 11					
1061 Well AHB 676 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1062 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1063 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1064 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1065 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1066 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1067 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Reservoirs					
1101 Tanks - Inspect/Repair/Clean	\$0	\$116,898	\$0	\$0	\$0
1102 System 3, Division 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1103 System 5, Division 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1104 System 5, Division 15 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1105 System 5, Eastside 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1106 System 5, Eastside 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1107 System 5, Eastside 3 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1108 System 5, Division 10 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 1/Rose Ave.					
1119 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1120 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0
1121 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1122 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1123 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1124 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1125 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1127 Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 15					
1129 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1132 Pump Controller - Replace	\$0	\$0	\$0	\$10,438	\$0
1133 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1134 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1135 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Anderson					
1139 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1142 Pump Controller - Replace	\$0	\$0	\$0	\$6,004	\$0
1143 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1144 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1145 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Division 10					
1149 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1150 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0
1151 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1152 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1153 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1154 Pumphouse Structure - Replace	\$27,475	\$0	\$0	\$0	\$0
1155 Pumphouse Roof - Replace	\$10,990	\$0	\$0	\$0	\$0

Fiscal Year	2031	2032	2033	2034	2035
1157 Generator - Replace	\$0	\$0	\$0	\$0	\$0
1158 Propane Tank, Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Rim View, Bi-Directional					
1159 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1162 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1163 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1164 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1165 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1167 Pressure Reducing Valves - Replace	\$0	\$18,508	\$0	\$0	\$0
System 3 General Expenditures					
1200 Distribution Mains, Sys 3 - Replace	\$0	\$0	\$0	\$0	\$0
1204 Isolation Valves - Replace	\$4,637	\$4,776	\$4,919	\$5,067	\$5,219
1205 Blow-Off Assemblies - Replace	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305
1206 Air-Vacuum Release Valves - Replace	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305
1208 Fire Hydrants - Replace	\$3,478	\$3,582	\$3,690	\$3,800	\$3,914
1210 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1212 Service Meters - Replace Year 1 Of 5	\$0	\$0	\$0	\$0	\$0
System 5 General Expenditures					
1250 Distribution Mains, Sys 5 - Replace	\$0	\$0	\$0	\$0	\$0
1254 Isolation Valves - Replace	\$13,911	\$14,329	\$14,758	\$15,201	\$15,657
1255 Blow-Off Assemblies - Replace	\$5,796	\$5,970	\$6,149	\$6,334	\$6,524
1256 Air-Vacuum Release Valves - Replace	\$2,319	\$2,388	\$2,460	\$2,534	\$2,610
1257 PRV Vaults - Replace	\$0	\$0	\$0	\$0	\$0
1258 Fire Hydrants - Replace	\$11,593	\$11,941	\$12,299	\$12,668	\$13,048
1260 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1262 Service Meters - Year 2 of 5	\$0	\$0	\$0	\$0	\$0
1263 Service Meters - Year 3 of 5	\$0	\$0	\$0	\$0	\$0
1264 Service Meters - Year 4 of 5	\$0	\$0	\$0	\$0	\$0
1265 Service Meters - Year 5 of 5	\$0	\$0	\$0	\$0	\$0
Vehicles/Equipment					
790 Ditch Witch Vacuum (#683) - Replace	\$0	\$0	\$0	\$0	\$0
791 Utility Trailer, Olympic (#237) - Rplc	\$0	\$0	\$0	\$0	\$0
792 Generator - Replace	\$0	\$0	\$0	\$0	\$0
793 Ford F550 Utility Truck - Replace	\$0	\$0	\$0	\$0	\$0
794 Ford F-150 Truck (#39) - Replace	\$0	\$0	\$0	\$0	\$0
795 Ford F350 Flatbed Truck (#914) - Replace	\$0	\$0	\$0	\$0	\$0
General					
630 SCADA & Telemetry Upgrades	\$0	\$0	\$0	\$0	\$0
632 Security Trailer - Refurbish	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$1,062,104	\$1,306,651	\$1,295,303	\$1,478,295	\$1,392,845
Ending Reserve Balance	\$3,996,307	\$4,409,549	\$4,888,937	\$5,241,337	\$5,736,827

Fiscal Year	2036	2037	2038	2039	2040
Starting Reserve Balance	\$5,736,827	\$5,767,985	\$4,123,229	\$4,555,265	\$5,033,454
Annual Reserve Funding	\$1,888,471	\$1,945,125	\$2,003,479	\$2,063,584	\$2,125,491
Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
Interest Earnings	\$57,500	\$49,435	\$43,374	\$47,923	\$53,221
Total Income	\$7,682,798	\$7,762,546	\$6,170,082	\$6,666,772	\$7,212,167
# Component					
Capital Improvements from 2024 Water System Plan					
600 Water Mains/Hydrants 2026 - Replace	\$0	\$0	\$0	\$0	\$0
602 Water Mains/Hydrants 2027 - Replace	\$0	\$0	\$0	\$0	\$0
603 Water Mains/Hydrants 2028 - Replace	\$0	\$0	\$0	\$0	\$0
604 Water Mains/Hydrants 2029 - Replace	\$0	\$0	\$0	\$0	\$0
605 Water Mains/Hydrants 2030 - Replace	\$0	\$0	\$0	\$0	\$0
606 Water Mains/Hydrants 2031 - Replace	\$0	\$0	\$0	\$0	\$0
607 Water Mains/Hydrants 2032 - Replace	\$0	\$0	\$0	\$0	\$0
608 Water Mains/Hydrants 2033 - Replace	\$0	\$0	\$0	\$0	\$0
609 Water Mains/Hydrants 2034 - Replace	\$0	\$0	\$0	\$0	\$0
610 Water Mains/Hydrants 2035 - Replace	\$0	\$0	\$0	\$0	\$0
611 Water Mains/Hydrants 2036 - Replace	\$1,737,146	\$0	\$0	\$0	\$0
612 Water Mains/Hydrants 2037 - Replace	\$0	\$3,146,087	\$0	\$0	\$0
636 Well 5 & 8 Backup Generator & ATS 2026	\$0	\$0	\$0	\$0	\$0
640 Water System Plan Update 2034	\$0	\$0	\$0	\$0	\$0
System 3, Well 2					
801 Well AHB 683 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
802 Well Pump - Replace	\$0	\$0	\$50,615	\$0	\$0
803 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
804 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
805 Pumphouse Electronics - Replace	\$0	\$0	\$16,824	\$0	\$0
806 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
807 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
808 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 3, Well 10					
811 Well AHB 682 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
812 Well Pump - Replace	\$0	\$0	\$50,615	\$0	\$0
813 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
814 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
815 Pumphouse Electronics - Replace	\$0	\$0	\$16,824	\$0	\$0
816 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
817 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 1					
1001 Well AHB 681 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1002 Well Pump - Replace	\$0	\$49,140	\$0	\$0	\$0
1003 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1004 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1005 Pumphouse Electronics - Replace	\$0	\$16,334	\$0	\$0	\$0
1006 Pumphouse Structure - Replace	\$0	\$13,123	\$0	\$0	\$0
1007 Pumphouse Roof - Replace	\$0	\$4,997	\$0	\$0	\$0
System 5, Well 9					
1011 Well AHB 680 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1012 Well Pump - Replace	\$0	\$57,030	\$0	\$0	\$0
1013 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1014 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1015 Pumphouse Electronics - Replace	\$0	\$16,334	\$0	\$0	\$0
1016 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1017 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1018 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 8					
1021 Well AHB 679 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1022 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1023 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1024 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1025 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1026 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1027 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 5					
1031 Well AHB 678 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1032 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2036	2037	2038	2039	2040
1033 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1034 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1035 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1036 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1037 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 3					
1041 Well AHB 677 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1042 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1043 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1044 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1045 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1046 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1047 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 7					
1051 Well AHB 675 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1052 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1053 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1054 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1055 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1056 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1057 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 11					
1061 Well AHB 676 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1062 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1063 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1064 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1065 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1066 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1067 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Reservoirs					
1101 Tanks - Inspect/Repair/Clean	\$0	\$135,516	\$0	\$0	\$0
1102 System 3, Division 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1103 System 5, Division 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1104 System 5, Division 15 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1105 System 5, Eastside 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1106 System 5, Eastside 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1107 System 5, Eastside 3 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1108 System 5, Division 10 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 1/Rose Ave.					
1119 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1120 Booster Pump/Motor - Replc 2 of 2	\$27,685	\$0	\$0	\$0	\$0
1121 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1122 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$10,588	\$0
1123 Pumphouse Electronics - Replace	\$15,858	\$0	\$0	\$0	\$0
1124 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1125 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1127 Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 15					
1129 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1132 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1133 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1134 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1135 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Anderson					
1139 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1142 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1143 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1144 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1145 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Division 10					
1149 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1150 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0
1151 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$13,402
1152 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$13,402
1153 Pumphouse Electronics - Replace	\$0	\$16,334	\$0	\$0	\$0
1154 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1155 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2036	2037	2038	2039	2040
1157 Generator - Replace	\$0	\$0	\$0	\$0	\$0
1158 Propane Tank, Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Rim View, Bi-Directional					
1159 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1162 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1163 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1164 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1165 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1167 Pressure Reducing Valves - Replace	\$0	\$0	\$0	\$0	\$0
System 3 General Expenditures					
1200 Distribution Mains, Sys 3 - Replace	\$0	\$0	\$427,728	\$440,560	\$453,777
1204 Isolation Valves - Replace	\$5,376	\$5,537	\$5,703	\$5,874	\$6,050
1205 Blow-Off Assemblies - Replace	\$1,344	\$1,384	\$1,426	\$1,469	\$1,513
1206 Air-Vacuum Release Valves - Replace	\$1,344	\$1,384	\$1,426	\$1,469	\$1,513
1208 Fire Hydrants - Replace	\$4,032	\$4,153	\$4,277	\$4,406	\$4,538
1210 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1212 Service Meters - Replace Year 1 Of 5	\$0	\$0	\$0	\$0	\$0
System 5 General Expenditures					
1250 Distribution Mains, Sys 5 - Replace	\$0	\$0	\$998,033	\$1,027,974	\$1,058,813
1254 Isolation Valves - Replace	\$16,127	\$16,611	\$17,109	\$17,622	\$18,151
1255 Blow-Off Assemblies - Replace	\$6,720	\$6,921	\$7,129	\$7,343	\$7,563
1256 Air-Vacuum Release Valves - Replace	\$2,688	\$2,768	\$2,852	\$2,937	\$3,025
1257 PRV Vaults - Replace	\$0	\$0	\$0	\$0	\$0
1258 Fire Hydrants - Replace	\$13,439	\$13,842	\$14,258	\$14,685	\$15,126
1260 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1262 Service Meters - Year 2 of 5	\$0	\$0	\$0	\$0	\$0
1263 Service Meters - Year 3 of 5	\$0	\$0	\$0	\$0	\$0
1264 Service Meters - Year 4 of 5	\$0	\$0	\$0	\$0	\$0
1265 Service Meters - Year 5 of 5	\$0	\$0	\$0	\$0	\$0
Vehicles/Equipment					
790 Ditch Witch Vacuum (#683) - Replace	\$0	\$57,030	\$0	\$0	\$0
791 Utility Trailer, Olympic (#237) - Rplc	\$0	\$10,700	\$0	\$0	\$0
792 Generator - Replace	\$0	\$0	\$0	\$0	\$0
793 Ford F550 Utility Truck - Replace	\$0	\$0	\$0	\$98,392	\$0
794 Ford F-150 Truck (#39) - Replace	\$0	\$64,090	\$0	\$0	\$0
795 Ford F350 Flatbed Truck (#914) - Replace	\$83,054	\$0	\$0	\$0	\$0
General					
630 SCADA & Telemetry Upgrades	\$0	\$0	\$0	\$0	\$0
632 Security Trailer - Refurbish	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$1,914,812	\$3,639,317	\$1,614,817	\$1,633,318	\$1,596,871
Ending Reserve Balance	\$5,767,985	\$4,123,229	\$4,555,265	\$5,033,454	\$5,615,295

Fiscal Year	2041	2042	2043	2044	2045
Starting Reserve Balance	\$5,615,295	\$5,141,216	\$5,596,362	\$6,217,856	\$6,742,491
Annual Reserve Funding	\$2,189,256	\$2,254,933	\$2,322,581	\$2,392,259	\$2,464,027
Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
Interest Earnings	\$53,760	\$53,665	\$59,046	\$64,774	\$64,762
Total Income	\$7,858,311	\$7,449,814	\$7,977,990	\$8,674,889	\$9,271,280
# Component					
Capital Improvements from 2024 Water System Plan					
600 Water Mains/Hydrants 2026 - Replace	\$0	\$0	\$0	\$0	\$0
602 Water Mains/Hydrants 2027 - Replace	\$0	\$0	\$0	\$0	\$0
603 Water Mains/Hydrants 2028 - Replace	\$0	\$0	\$0	\$0	\$0
604 Water Mains/Hydrants 2029 - Replace	\$0	\$0	\$0	\$0	\$0
605 Water Mains/Hydrants 2030 - Replace	\$0	\$0	\$0	\$0	\$0
606 Water Mains/Hydrants 2031 - Replace	\$0	\$0	\$0	\$0	\$0
607 Water Mains/Hydrants 2032 - Replace	\$0	\$0	\$0	\$0	\$0
608 Water Mains/Hydrants 2033 - Replace	\$0	\$0	\$0	\$0	\$0
609 Water Mains/Hydrants 2034 - Replace	\$0	\$0	\$0	\$0	\$0
610 Water Mains/Hydrants 2035 - Replace	\$0	\$0	\$0	\$0	\$0
611 Water Mains/Hydrants 2036 - Replace	\$0	\$0	\$0	\$0	\$0
612 Water Mains/Hydrants 2037 - Replace	\$0	\$0	\$0	\$0	\$0
636 Well 5 & 8 Backup Generator & ATS 2026	\$0	\$0	\$0	\$0	\$0
640 Water System Plan Update 2034	\$0	\$0	\$0	\$149,133	\$0
System 3, Well 2					
801 Well AHB 683 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
802 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
803 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
804 Source Meter - Replace	\$0	\$0	\$4,942	\$0	\$0
805 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
806 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
807 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
808 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 3, Well 10					
811 Well AHB 682 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
812 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
813 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
814 Source Meter - Replace	\$0	\$0	\$4,942	\$0	\$0
815 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
816 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
817 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 1					
1001 Well AHB 681 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1002 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1003 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1004 Source Meter - Replace	\$0	\$0	\$4,942	\$0	\$0
1005 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1006 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1007 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 9					
1011 Well AHB 680 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1012 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1013 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1014 Source Meter - Replace	\$0	\$0	\$4,942	\$0	\$0
1015 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1016 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1017 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1018 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 8					
1021 Well AHB 679 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1022 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1023 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1024 Source Meter - Replace	\$0	\$0	\$4,942	\$0	\$0
1025 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1026 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1027 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 5					
1031 Well AHB 678 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1032 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2041	2042	2043	2044	2045
1033 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1034 Source Meter - Replace	\$0	\$0	\$4,942	\$0	\$0
1035 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1036 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1037 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 3					
1041 Well AHB 677 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1042 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1043 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1044 Source Meter - Replace	\$0	\$0	\$4,942	\$0	\$0
1045 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1046 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1047 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 7					
1051 Well AHB 675 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1052 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1053 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1054 Source Meter - Replace	\$0	\$0	\$4,942	\$0	\$0
1055 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1056 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1057 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 11					
1061 Well AHB 676 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1062 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1063 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1064 Source Meter - Replace	\$0	\$0	\$4,942	\$0	\$0
1065 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1066 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1067 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Reservoirs					
1101 Tanks - Inspect/Repair/Clean	\$0	\$157,101	\$0	\$0	\$0
1102 System 3, Division 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1103 System 5, Division 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1104 System 5, Division 15 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1105 System 5, Eastside 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1106 System 5, Eastside 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1107 System 5, Eastside 3 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1108 System 5, Division 10 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 1/Rose Ave.					
1119 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1120 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0
1121 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1122 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1123 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1124 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1125 Pumphouse Roof - Replace	\$0	\$5,793	\$0	\$0	\$0
1127 Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 15					
1129 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1132 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1133 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1134 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1135 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Anderson					
1139 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$8,312
1142 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1143 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1144 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1145 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Division 10					
1149 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1150 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0
1151 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1152 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1153 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1154 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1155 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2041	2042	2043	2044	2045
1157 Generator - Replace	\$0	\$0	\$0	\$0	\$0
1158 Propane Tank, Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Rim View, Bi-Directional					
1159 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$16,139	\$0
1162 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1163 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1164 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1165 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1167 Pressure Reducing Valves - Replace	\$0	\$24,873	\$0	\$0	\$0
System 3 General Expenditures					
1200 Distribution Mains, Sys 3 - Replace	\$467,390	\$481,412	\$495,854	\$510,730	\$526,052
1204 Isolation Valves - Replace	\$6,232	\$6,419	\$6,611	\$6,810	\$7,014
1205 Blow-Off Assemblies - Replace	\$1,558	\$1,605	\$1,653	\$1,702	\$1,754
1206 Air-Vacuum Release Valves - Replace	\$1,558	\$1,605	\$1,653	\$1,702	\$1,754
1208 Fire Hydrants - Replace	\$4,674	\$4,814	\$4,959	\$5,107	\$5,261
1210 Meter Setters - Replace	\$219,673	\$0	\$0	\$0	\$0
1212 Service Meters - Replace Year 1 Of 5	\$0	\$0	\$0	\$0	\$0
System 5 General Expenditures					
1250 Distribution Mains, Sys 5 - Replace	\$1,090,577	\$1,123,295	\$1,156,993	\$1,191,703	\$1,227,454
1254 Isolation Valves - Replace	\$18,696	\$19,256	\$19,834	\$20,429	\$21,042
1255 Blow-Off Assemblies - Replace	\$7,790	\$8,024	\$8,264	\$8,512	\$8,768
1256 Air-Vacuum Release Valves - Replace	\$3,116	\$3,209	\$3,306	\$3,405	\$3,507
1257 PRV Vaults - Replace	\$0	\$0	\$0	\$0	\$0
1258 Fire Hydrants - Replace	\$15,580	\$16,047	\$16,528	\$17,024	\$17,535
1260 Meter Setters - Replace	\$880,252	\$0	\$0	\$0	\$0
1262 Service Meters - Year 2 of 5	\$0	\$0	\$0	\$0	\$0
1263 Service Meters - Year 3 of 5	\$0	\$0	\$0	\$0	\$0
1264 Service Meters - Year 4 of 5	\$0	\$0	\$0	\$0	\$0
1265 Service Meters - Year 5 of 5	\$0	\$0	\$0	\$0	\$0
Vehicles/Equipment					
790 Ditch Witch Vacuum (#683) - Replace	\$0	\$0	\$0	\$0	\$0
791 Utility Trailer, Olympic (#237) - Rplc	\$0	\$0	\$0	\$0	\$0
792 Generator - Replace	\$0	\$0	\$0	\$0	\$0
793 Ford F550 Utility Truck - Replace	\$0	\$0	\$0	\$0	\$0
794 Ford F-150 Truck (#39) - Replace	\$0	\$0	\$0	\$0	\$0
795 Ford F350 Flatbed Truck (#914) - Replace	\$0	\$0	\$0	\$0	\$0
General					
630 SCADA & Telemetry Upgrades	\$0	\$0	\$0	\$0	\$1,227,454
632 Security Trailer - Refurbish	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$2,717,095	\$1,853,452	\$1,760,134	\$1,932,398	\$3,055,905
Ending Reserve Balance	\$5,141,216	\$5,596,362	\$6,217,856	\$6,742,491	\$6,215,375

Fiscal Year	2046	2047	2048	2049	2050
Starting Reserve Balance	\$6,215,375	\$6,544,737	\$6,709,071	\$7,134,078	\$6,727,683
Annual Reserve Funding	\$2,537,948	\$2,614,086	\$2,692,509	\$2,773,284	\$2,856,482
Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
Interest Earnings	\$63,773	\$66,241	\$69,186	\$69,279	\$69,329
Total Income	\$8,817,096	\$9,225,064	\$9,470,766	\$9,976,641	\$9,653,495
# Component					
Capital Improvements from 2024 Water System Plan					
600 Water Mains/Hydrants 2026 - Replace	\$0	\$0	\$0	\$0	\$0
602 Water Mains/Hydrants 2027 - Replace	\$0	\$0	\$0	\$0	\$0
603 Water Mains/Hydrants 2028 - Replace	\$0	\$0	\$0	\$0	\$0
604 Water Mains/Hydrants 2029 - Replace	\$0	\$0	\$0	\$0	\$0
605 Water Mains/Hydrants 2030 - Replace	\$0	\$0	\$0	\$0	\$0
606 Water Mains/Hydrants 2031 - Replace	\$0	\$0	\$0	\$0	\$0
607 Water Mains/Hydrants 2032 - Replace	\$0	\$0	\$0	\$0	\$0
608 Water Mains/Hydrants 2033 - Replace	\$0	\$0	\$0	\$0	\$0
609 Water Mains/Hydrants 2034 - Replace	\$0	\$0	\$0	\$0	\$0
610 Water Mains/Hydrants 2035 - Replace	\$0	\$0	\$0	\$0	\$0
611 Water Mains/Hydrants 2036 - Replace	\$0	\$0	\$0	\$0	\$0
612 Water Mains/Hydrants 2037 - Replace	\$0	\$0	\$0	\$0	\$0
636 Well 5 & 8 Backup Generator & ATS 2026	\$0	\$0	\$0	\$0	\$0
640 Water System Plan Update 2034	\$0	\$0	\$0	\$0	\$0
System 3, Well 2					
801 Well AHB 683 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
802 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
803 Pump Controller - Replace	\$0	\$0	\$19,736	\$0	\$0
804 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
805 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
806 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
807 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
808 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 3, Well 10					
811 Well AHB 682 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
812 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
813 Pump Controller - Replace	\$0	\$0	\$15,789	\$0	\$0
814 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
815 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
816 Pumphouse Structure - Replace	\$0	\$0	\$0	\$18,710	\$0
817 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 1					
1001 Well AHB 681 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1002 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1003 Pump Controller - Replace	\$0	\$15,329	\$0	\$0	\$0
1004 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1005 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1006 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1007 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 9					
1011 Well AHB 680 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1012 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1013 Pump Controller - Replace	\$0	\$15,329	\$0	\$0	\$0
1014 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1015 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1016 Pumphouse Structure - Replace	\$0	\$0	\$0	\$18,710	\$0
1017 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1018 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 8					
1021 Well AHB 679 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1022 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1023 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1024 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1025 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1026 Pumphouse Structure - Replace	\$0	\$0	\$18,165	\$0	\$0
1027 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 5					
1031 Well AHB 678 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1032 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2046	2047	2048	2049	2050
1033 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1034 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1035 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1036 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1037 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 3					
1041 Well AHB 677 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1042 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1043 Pump Controller - Replace	\$0	\$6,716	\$0	\$0	\$0
1044 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1045 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1046 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1047 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 7					
1051 Well AHB 675 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1052 Well Pump - Replace	\$0	\$0	\$0	\$0	\$18,844
1053 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1054 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1055 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1056 Pumphouse Structure - Replace	\$0	\$0	\$18,165	\$0	\$0
1057 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 11					
1061 Well AHB 676 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1062 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1063 Pump Controller - Replace	\$0	\$11,497	\$0	\$0	\$0
1064 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1065 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1066 Pumphouse Structure - Replace	\$0	\$0	\$0	\$18,710	\$0
1067 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Reservoirs					
1101 Tanks - Inspect/Repair/Clean	\$0	\$182,123	\$0	\$0	\$0
1102 System 3, Division 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1103 System 5, Division 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1104 System 5, Division 15 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1105 System 5, Eastside 1 Concrete - Replc	\$0	\$0	\$0	\$410,506	\$0
1106 System 5, Eastside 2 Concrete - Replc	\$0	\$0	\$0	\$410,506	\$0
1107 System 5, Eastside 3 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1108 System 5, Division 10 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 1/Rose Ave.					
1119 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1120 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0
1121 Pump Controller 1 of 2 - Replace	\$14,882	\$0	\$0	\$0	\$0
1122 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1123 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1124 Pumphouse Structure - Replace	\$0	\$0	\$0	\$18,710	\$0
1125 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1127 Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 15					
1129 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1132 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1133 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1134 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1135 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Anderson					
1139 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1142 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1143 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1144 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1145 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Division 10					
1149 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$43,908
1150 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$43,908
1151 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1152 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1153 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1154 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1155 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2046	2047	2048	2049	2050
1157 Generator - Replace	\$0	\$0	\$0	\$0	\$0
1158 Propane Tank, Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Rim View, Bi-Directional					
1159 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1162 Pump Controller - Replace	\$12,841	\$0	\$0	\$0	\$0
1163 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1164 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1165 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1167 Pressure Reducing Valves - Replace	\$0	\$0	\$0	\$0	\$0
System 3 General Expenditures					
1200 Distribution Mains, Sys 3 - Replace	\$541,833	\$558,088	\$574,831	\$592,076	\$609,838
1204 Isolation Valves - Replace	\$7,224	\$7,441	\$7,664	\$7,894	\$8,131
1205 Blow-Off Assemblies - Replace	\$1,806	\$1,860	\$1,916	\$1,974	\$2,033
1206 Air-Vacuum Release Valves - Replace	\$1,806	\$1,860	\$1,916	\$1,974	\$2,033
1208 Fire Hydrants - Replace	\$5,418	\$5,581	\$5,748	\$5,921	\$6,098
1210 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1212 Service Meters - Replace Year 1 Of 5	\$258,274	\$0	\$0	\$0	\$0
System 5 General Expenditures					
1250 Distribution Mains, Sys 5 - Replace	\$1,264,278	\$1,302,206	\$1,341,272	\$1,381,511	\$1,422,956
1254 Isolation Valves - Replace	\$21,673	\$22,324	\$22,993	\$23,683	\$24,394
1255 Blow-Off Assemblies - Replace	\$9,031	\$9,301	\$9,581	\$9,868	\$10,164
1256 Air-Vacuum Release Valves - Replace	\$3,612	\$3,721	\$3,832	\$3,947	\$4,066
1257 PRV Vaults - Replace	\$0	\$0	\$0	\$0	\$0
1258 Fire Hydrants - Replace	\$18,061	\$18,603	\$19,161	\$19,736	\$20,328
1260 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1262 Service Meters - Year 2 of 5	\$0	\$267,882	\$0	\$0	\$0
1263 Service Meters - Year 3 of 5	\$0	\$0	\$275,919	\$0	\$0
1264 Service Meters - Year 4 of 5	\$0	\$0	\$0	\$284,196	\$0
1265 Service Meters - Year 5 of 5	\$0	\$0	\$0	\$0	\$292,722
Vehicles/Equipment					
790 Ditch Witch Vacuum (#683) - Replace	\$0	\$0	\$0	\$0	\$0
791 Utility Trailer, Olympic (#237) - Rplc	\$0	\$0	\$0	\$0	\$0
792 Generator - Replace	\$0	\$0	\$0	\$0	\$0
793 Ford F550 Utility Truck - Replace	\$0	\$0	\$0	\$0	\$0
794 Ford F-150 Truck (#39) - Replace	\$0	\$86,132	\$0	\$0	\$0
795 Ford F350 Flatbed Truck (#914) - Replace	\$111,618	\$0	\$0	\$0	\$0
General					
630 SCADA & Telemetry Upgrades	\$0	\$0	\$0	\$0	\$0
632 Security Trailer - Refurbish	\$0	\$0	\$0	\$20,328	\$0
Total Expenses	\$2,272,359	\$2,515,993	\$2,336,688	\$3,248,958	\$2,509,423
Ending Reserve Balance	\$6,544,737	\$6,709,071	\$7,134,078	\$6,727,683	\$7,144,072

Fiscal Year	2051	2052	2053	2054	2055
Starting Reserve Balance	\$7,144,072	\$7,936,520	\$8,532,747	\$8,941,077	\$9,452,222
Annual Reserve Funding	\$2,942,177	\$3,030,442	\$3,121,355	\$3,214,996	\$3,311,446
Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
Interest Earnings	\$75,371	\$82,311	\$87,332	\$91,927	\$98,408
Total Income	\$10,161,619	\$11,049,273	\$11,741,434	\$12,248,000	\$12,862,076
# Component					
Capital Improvements from 2024 Water System Plan					
600 Water Mains/Hydrants 2026 - Replace	\$0	\$0	\$0	\$0	\$0
602 Water Mains/Hydrants 2027 - Replace	\$0	\$0	\$0	\$0	\$0
603 Water Mains/Hydrants 2028 - Replace	\$0	\$0	\$0	\$0	\$0
604 Water Mains/Hydrants 2029 - Replace	\$0	\$0	\$0	\$0	\$0
605 Water Mains/Hydrants 2030 - Replace	\$0	\$0	\$0	\$0	\$0
606 Water Mains/Hydrants 2031 - Replace	\$0	\$0	\$0	\$0	\$0
607 Water Mains/Hydrants 2032 - Replace	\$0	\$0	\$0	\$0	\$0
608 Water Mains/Hydrants 2033 - Replace	\$0	\$0	\$0	\$0	\$0
609 Water Mains/Hydrants 2034 - Replace	\$0	\$0	\$0	\$0	\$0
610 Water Mains/Hydrants 2035 - Replace	\$0	\$0	\$0	\$0	\$0
611 Water Mains/Hydrants 2036 - Replace	\$0	\$0	\$0	\$0	\$0
612 Water Mains/Hydrants 2037 - Replace	\$0	\$0	\$0	\$0	\$0
636 Well 5 & 8 Backup Generator & ATS 2026	\$0	\$0	\$0	\$0	\$0
640 Water System Plan Update 2034	\$0	\$0	\$0	\$200,422	\$0
System 3, Well 2					
801 Well AHB 683 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$89,785
802 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
803 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
804 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
805 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
806 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
807 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
808 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 3, Well 10					
811 Well AHB 682 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
812 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
813 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
814 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
815 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
816 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
817 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 1					
1001 Well AHB 681 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1002 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1003 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1004 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1005 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1006 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1007 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 9					
1011 Well AHB 680 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1012 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1013 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1014 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1015 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1016 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1017 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1018 Generator - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 8					
1021 Well AHB 679 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1022 Well Pump - Replace	\$0	\$0	\$0	\$30,658	\$0
1023 Pump Controller - Replace	\$17,253	\$0	\$0	\$0	\$0
1024 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1025 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1026 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1027 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 5					
1031 Well AHB 678 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1032 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2051	2052	2053	2054	2055
1033 Pump Controller - Replace	\$17,253	\$0	\$0	\$0	\$0
1034 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1035 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1036 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1037 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 3					
1041 Well AHB 677 - Replace/Source Approval	\$0	\$0	\$54,866	\$0	\$0
1042 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1043 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1044 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1045 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1046 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1047 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 7					
1051 Well AHB 675 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1052 Well Pump - Replace	\$0	\$0	\$0	\$0	\$0
1053 Pump Controller - Replace	\$17,253	\$0	\$0	\$0	\$0
1054 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1055 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1056 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1057 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
System 5, Well 11					
1061 Well AHB 676 - Replace/Source Approval	\$0	\$0	\$0	\$0	\$0
1062 Well Pump - Replace	\$0	\$0	\$0	\$0	\$49,488
1063 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1064 Source Meter - Replace	\$0	\$0	\$0	\$0	\$0
1065 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1066 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1067 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Reservoirs					
1101 Tanks - Inspect/Repair/Clean	\$0	\$211,130	\$0	\$0	\$0
1102 System 3, Division 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1103 System 5, Division 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1104 System 5, Division 15 Concrete - Replc	\$0	\$0	\$433,151	\$0	\$0
1105 System 5, Eastside 1 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1106 System 5, Eastside 2 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1107 System 5, Eastside 3 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
1108 System 5, Division 10 Concrete - Replc	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 1/Rose Ave.					
1119 Booster Pump/Motor - Replc 1 of 2	\$0	\$33,427	\$0	\$0	\$0
1120 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0
1121 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1122 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1123 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1124 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1125 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1127 Generator - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Div. 15					
1129 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$38,883
1132 Pump Controller - Replace	\$0	\$0	\$0	\$18,853	\$0
1133 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1134 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1135 Pumphouse Roof - Replace	\$0	\$0	\$0	\$6,841	\$0
Booster Pump Station Anderson					
1139 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1142 Pump Controller - Replace	\$0	\$0	\$0	\$10,845	\$0
1143 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1144 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1145 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
Booster Pump Station Division 10					
1149 Booster Pump/Motor - Replc 1 of 2	\$0	\$0	\$0	\$0	\$0
1150 Booster Pump/Motor - Replc 2 of 2	\$0	\$0	\$0	\$0	\$0
1151 Pump Controller 1 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1152 Pump Controller 2 of 2 - Replace	\$0	\$0	\$0	\$0	\$0
1153 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1154 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1155 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0

Fiscal Year	2051	2052	2053	2054	2055
1157 Generator - Replace	\$0	\$0	\$0	\$0	\$0
1158 Propane Tank, Generator - Replace	\$0	\$0	\$6,642	\$0	\$0
Booster Pump Station Rim View, Bi-Directional					
1159 Booster Pump/Motor - Replc	\$0	\$0	\$0	\$0	\$0
1162 Pump Controller - Replace	\$0	\$0	\$0	\$0	\$0
1163 Pumphouse Electronics - Replace	\$0	\$0	\$0	\$0	\$0
1164 Pumphouse Structure - Replace	\$0	\$0	\$0	\$0	\$0
1165 Pumphouse Roof - Replace	\$0	\$0	\$0	\$0	\$0
1167 Pressure Reducing Valves - Replace	\$0	\$33,427	\$0	\$0	\$0
System 3 General Expenditures					
1200 Distribution Mains, Sys 3 - Replace	\$628,133	\$646,977	\$666,387	\$686,378	\$706,970
1204 Isolation Valves - Replace	\$8,375	\$8,626	\$8,885	\$9,152	\$9,426
1205 Blow-Off Assemblies - Replace	\$2,094	\$2,157	\$2,221	\$2,288	\$2,357
1206 Air-Vacuum Release Valves - Replace	\$2,094	\$2,157	\$2,221	\$2,288	\$2,357
1208 Fire Hydrants - Replace	\$6,281	\$6,470	\$6,664	\$6,864	\$7,070
1210 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1212 Service Meters - Replace Year 1 Of 5	\$0	\$0	\$0	\$0	\$0
System 5 General Expenditures					
1250 Distribution Mains, Sys 5 - Replace	\$1,465,645	\$1,509,614	\$1,554,902	\$1,601,549	\$1,649,596
1254 Isolation Valves - Replace	\$25,125	\$25,879	\$26,655	\$27,455	\$28,279
1255 Blow-Off Assemblies - Replace	\$10,469	\$10,783	\$11,106	\$11,440	\$11,783
1256 Air-Vacuum Release Valves - Replace	\$4,188	\$4,313	\$4,443	\$4,576	\$4,713
1257 PRV Vaults - Replace	\$0	\$0	\$0	\$0	\$0
1258 Fire Hydrants - Replace	\$20,938	\$21,566	\$22,213	\$22,879	\$23,566
1260 Meter Setters - Replace	\$0	\$0	\$0	\$0	\$0
1262 Service Meters - Year 2 of 5	\$0	\$0	\$0	\$0	\$0
1263 Service Meters - Year 3 of 5	\$0	\$0	\$0	\$0	\$0
1264 Service Meters - Year 4 of 5	\$0	\$0	\$0	\$0	\$0
1265 Service Meters - Year 5 of 5	\$0	\$0	\$0	\$0	\$0
Vehicles/Equipment					
790 Ditch Witch Vacuum (#683) - Replace	\$0	\$0	\$0	\$0	\$0
791 Utility Trailer, Olympic (#237) - Rplc	\$0	\$0	\$0	\$0	\$0
792 Generator - Replace	\$0	\$0	\$0	\$0	\$0
793 Ford F550 Utility Truck - Replace	\$0	\$0	\$0	\$153,291	\$0
794 Ford F-150 Truck (#39) - Replace	\$0	\$0	\$0	\$0	\$0
795 Ford F350 Flatbed Truck (#914) - Replace	\$0	\$0	\$0	\$0	\$0
General					
630 SCADA & Telemetry Upgrades	\$0	\$0	\$0	\$0	\$0
632 Security Trailer - Refurbish	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$2,225,100	\$2,516,526	\$2,800,357	\$2,795,779	\$2,624,271
Ending Reserve Balance	\$7,936,520	\$8,532,747	\$8,941,077	\$9,452,222	\$10,237,804

"This reserve study should be reviewed carefully. It may not include all common and limited common element components that will require major maintenance, repair, or replacement in future years, and may not include regular contributions to a reserve account for the cost of such maintenance, repair, or replacement. The failure to include a component in a reserve study, or to provide contributions to a reserve account for a component, may, under some circumstances, require the association to (1) defer major maintenance, repair, or replacement, (2) increase future reserve contributions, (3) borrow funds to pay for major maintenance, repair, or replacement, or (4) impose special assessments for the cost of major maintenance, repair, or replacement." Association Reserves and its employees have no ownership, management, or other business relationships with the client other than this Reserve Study engagement. Jim Talaga, company President, is a credentialed Reserve Specialist (#66). All work done by Association Reserves WA, LLC is performed under his responsible charge and is performed in accordance with National Reserve Study Standards (NRSS). There are no material issues to our knowledge that have not been disclosed to the client that would cause a distortion of the client's situation. Per NRSS, information provided by official representative(s) of the client, vendors, and suppliers regarding financial details, component physical details and/or quantities, or historical issues/conditions will be deemed reliable, and is not intended to be used for the purpose of any type of audit, quality/forensic analysis, or background checks of historical records. As such, information provided to us has not been audited or independently verified. Estimates for interest and inflation have been included, because including such estimates are more accurate than ignoring them completely. When we are hired to prepare Update reports, the client is considered to have deemed those previously developed component quantities as accurate and reliable, whether established by our firm or other individuals/firms (unless specifically mentioned in our Site Inspection Notes). During inspections our company standard is to establish measurements within 5% accuracy, and our scope includes visual inspection of accessible areas and components and does not include any destructive or other testing. Our work is done only for budget purposes. Uses or expectations outside our expertise and scope of work include, but are not limited to: project audit, quality inspection, and the identification of construction defects, hazardous materials, or dangerous conditions. Identifying hidden issues such as but not limited to, plumbing or electrical problems are also outside our scope of work. Our estimates assume proper original installation & construction, adherence to recommended preventive maintenance, a stable economic environment, and do not consider frequency or severity of natural disasters. Our opinions of component Useful Life, Remaining Useful Life, and current or future cost estimates are not a warranty or guarantee of actual costs or timing. Because the physical and financial status of the property, legislation, the economy, weather, owner expectations, and usage are all in a continual state of change over which we have no control, we do not expect that the events projected in this document will all occur exactly as planned. This Reserve Study is by nature a "one-year" document in need of being updated annually so that more accurate estimates can be incorporated. It is only because a long-term perspective improves the accuracy of near-term planning that this Report projects expenses into the future. We fully expect a number of adjustments will be necessary through the interim years to the cost and timing of expense projections and the funding necessary to prepare for those estimated expenses. In this engagement our compensation is not contingent upon our conclusions, and our liability in any matter involving this Reserve Study is limited to our fee for services rendered.



Terms and Definitions

BTU	British Thermal Unit (a standard unit of energy)
DIA	Diameter
GSF	Gross Square Feet (area). Equivalent to Square Feet
GSY	Gross Square Yards (area). Equivalent to Square Yards
HP	Horsepower
LF	Linear Feet (length)
UOM	Unit of Measure
Effective Age	The difference between Useful Life and Remaining Useful Life. Note that this is not necessarily equivalent to the chronological age of the component.
Fully Funded Balance (FFB)	The value of the deterioration of the Reserve Components. This is the fraction of life "used up" of each component multiplied by its estimated Current Replacement. While calculated for each component, it is summed together for an association total.
Inflation	Cost factors are adjusted for inflation at the rate defined in the Executive Summary and compounded annually. These increasing costs can be seen as you follow the recurring cycles of a component on the "30-yr Income/Expense Detail" table.
Interest	Interest earnings on Reserve Funds are calculated using the average balance for the year (taking into account income and expenses through the year) and compounded monthly using the rate defined in the Executive Summary. Annual interest earning assumption appears in the Executive Summary.
Percent Funded	The ratio, at a particular point in time (the first day of the Fiscal Year), of the actual (or projected) Reserve Balance to the Fully Funded Balance, expressed as a percentage.
Remaining Useful Life (RUL)	The estimated time, in years, that a common area component can be expected to continue to serve its intended function.
Useful Life (UL)	The estimated time, in years, that a common area component can be expected to serve its intended function.



Component Details

The primary purpose of the Component Details appendix is to provide the reader with the basis of our funding assumptions resulting from our research and analysis. The information presented here represents a wide range of components that were observed and measured against National Reserve Study Standards to determine if they meet the criteria for reserve funding: 1) The project is the Association's present obligation. 2) The need and schedule of a project can be reasonably anticipated. 3) The total cost of the project is material, can be estimated and includes all direct & related costs. Not all your components may have been found appropriate for reserve funding. In our judgment, the components meeting the above three criteria are shown with the Useful Life (how often the project is expected to occur), Remaining Useful Life (when the next instance of the expense will be) and representative market cost range termed "Best Cost" and "Worst Cost". There are many factors that can result in a wide variety of potential costs, and we have attempted to present the cost range in which your actual expense will occur. Where no Useful Life, Remaining Useful Life, or pricing exists, the component was deemed inappropriate for Reserve Funding.

Capital Improvements from 2024 Water System Plan

Comp #: 599 Water Mains/Hydrants 2024 - Replace

Approx Quantity: 1 CIP project

Location: System 5: Standstill Dr. (~1,200 LF) Water Mains & Hydrants at Lake Cushman Rd. (3) & Div. 18 & 19 (6) and System 3: Pottlatch Dr. (2)

Funded?: No. Completed as one-time project

History: Completed in 2024

Comments: As identified in Water System Plan (WSP) by Gray & Osborne, Inc. developed in 2024, one of the identified deficiencies of the LCMC's water systems is a relative lack of fire flow coverage. Across both systems, less than half of all properties are situated within 750 feet of a fire hydrant producing adequate fire flow. A distribution system improvement project has been developed to expand fire flow coverage to additional properties within the LCMC's water service areas. This includes installation of 6" water lines and fire hydrants. Gray & Osborne, Inc. has developed a preliminary estimate/schedule for these improvements. The estimates include costs from multiple disciplines: Water, Storm and Road and considers engineering costs by Gray & Osborne, Inc. and additional 15% cost for estimated construction management/inspections costs.

This component is for informational purposes identifying the mains and hydrants installed in 2024. See subsequent components for future project years.

Useful Life:

Remaining Life:

Lower Estimate:

Higher Estimate:

Cost Source:

Comp #: 600 Water Mains/Hydrants 2026 - Replace

Approx Quantity: 1,470 LF 6"

Location: System 5: N. Div 1 Dow Mountain Dr (1,470 LF)

Funded?: Yes.

History: Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then

Comments: The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.

Useful Life: 1 years

Remaining Life:

0 years

Lower Estimate: \$ 470,000

Higher Estimate:

\$575,000

Cost Source: Estimate: Gray & Osborne, Inc.

Comp #: 602 Water Mains/Hydrants 2027 - Replace

Approx Quantity: 1,670 LF 6"

Location: System 3: Division 2 Mount Church Water Mains (~1,670 LF)

Funded?: Yes.

History: Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then

Comments: The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.

Useful Life: 1 years

Remaining Life:

1 years

Lower Estimate: \$ 542,000

Higher Estimate:

\$662,000

Cost Source: Estimate: Gray & Osborne, Inc.

Comp #: 603 Water Mains/Hydrants 2028 - Replace

Approx Quantity: 1,540 LF 6"

Location: System 5: Div 7 Duckabush & Mount Noyes (~1,540 LF)

Funded?: Yes.

History: Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then

Comments: The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.

Useful Life: 1 years

Remaining Life:

2 years

Lower Estimate: \$ 592,000

Higher Estimate:

\$723,000

Cost Source: Estimate: Gray & Osborne, Inc.

Comp #: 604 Water Mains/Hydrants 2029 - Replace

Approx Quantity: 2,130 LF 6"

Location: System 5: Div. 18 Duckabush Dr. (2,130 LF)

Funded?: Yes.

History: Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then

Comments: The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.

Useful Life: 1 years

Remaining Life:

3 years

Lower Estimate: \$ 679,000

Higher Estimate:

\$830,000

Cost Source: Estimate: Gray & Osborne, Inc.

Comp #: 605 Water Mains/Hydrants 2030 - Replace**Approx Quantity: 2,120 LF 6"****Location:** System 5: Div. 14 Deer Lane (2,120 LF)**Funded?:** Yes.**History:** Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then**Comments:** The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.**Useful Life:** 1 years**Remaining Life:**

4 years

Lower Estimate: \$ 681,000**Higher Estimate:**

\$833,000

Cost Source: Estimate: Gray & Osborne, Inc.**Comp #: 606 Water Mains/Hydrants 2031 - Replace****Approx Quantity: 2,310 LF 6"****Location:** System 3: Division 4 Potlatch Dr. & Clallam PI (~2,310 LF)**Funded?:** Yes.**History:** Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then**Comments:** The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.**Useful Life:** 1 years**Remaining Life:**

5 years

Lower Estimate: \$ 730,000**Higher Estimate:**

\$892,000

Cost Source: Estimate: Gray & Osborne, Inc.**Comp #: 607 Water Mains/Hydrants 2032 - Replace****Approx Quantity: 2,390 LF 6"****Location:** System 5: Div. 17 Lakeview Dr. (2,390 LF)**Funded?:** Yes.**History:** Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then**Comments:** The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.**Useful Life:** 1 years**Remaining Life:**

6 years

Lower Estimate: \$ 849,000**Higher Estimate:**

\$1,040,000

Cost Source: Estimate: Gray & Osborne, Inc.**Comp #: 608 Water Mains/Hydrants 2033 - Replace****Approx Quantity: 2,670 LF 6"****Location:** System 5: Div. 9 Dow Creek (2,670 LF)**Funded?:** Yes.**History:** Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then**Comments:** The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.**Useful Life:** 1 years**Remaining Life:**

7 years

Lower Estimate: \$ 914,000**Higher Estimate:**

\$1,120,000

Cost Source: Estimate: Gray & Osborne, Inc.**Comp #: 609 Water Mains/Hydrants 2034 - Replace****Approx Quantity: 2,930 LF 6"****Location:** System 5: Div. 1 Wynochee Dr & segment of Lakeshore PI (~2,930 LF)**Funded?:** Yes.**History:** Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then**Comments:** The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.**Useful Life:** 1 years**Remaining Life:**

8 years

Lower Estimate: \$ 926,000**Higher Estimate:**

\$1,130,000

Cost Source: Estimate: Gray & Osborne, Inc.**Comp #: 610 Water Mains/Hydrants 2035 - Replace****Approx Quantity: 2,470 LF 6"****Location:** System 5: Div. 8 Fairway Dr. (2,470 LF)**Funded?:** Yes.**History:** Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then**Comments:** The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.**Useful Life:** 1 years**Remaining Life:**

9 years

Lower Estimate: \$ 927,000**Higher Estimate:**

\$1,130,000

Cost Source: Estimate: Gray & Osborne, Inc.

Comp #: 611 Water Mains/Hydrants 2036 - Replace**Approx Quantity: 3,090 LF 6"****Location:** System 5: Div. 12 Chinook Dr (3,090 LF)**Funded?:** Yes.**History:** Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then**Comments:** The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.**Useful Life:** 1 years**Remaining Life:** 10 years**Lower Estimate:** \$ 1,160,000**Higher Estimate:** \$1,420,000**Cost Source:** Estimate: Gray & Osborne, Inc.**Comp #: 612 Water Mains/Hydrants 2037 - Replace****Approx Quantity: 5,790 LF 6"****Location:** System 5: Div. 12 & 16 Rainbow Way (~5,790 LF)**Funded?:** Yes.**History:** Exact date not known: majority installed between 1967 and 1983. Some additions and minor local replace since then**Comments:** The cost here adjusted to include the costs for the water line installation and road patching. Additional road overlay work and stormwater work (if needed), is included separately in the Roads reserve.**Useful Life:** 1 years**Remaining Life:** 11 years**Lower Estimate:** \$ 2,050,000**Higher Estimate:** \$2,500,000**Cost Source:** Estimate: Gray & Osborne, Inc.**Comp #: 636 Well 5 & 8 Backup Generator & ATS 2026****Approx Quantity: 8 Main Hub/(8) remote sites****Location:** Areas of water system**Funded?:** Yes.**History:** Unknown**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 1 years**Remaining Life:** 0 years**Lower Estimate:** \$ 140,000**Higher Estimate:** \$171,000**Cost Source:** Inflated Estimate: Gray & Osborne, Inc.**Comp #: 640 Water System Plan Update 2034****Approx Quantity: 10 WSP - 10 year update****Location:** Water system**Funded?:** Yes.**History:** Gray & Osbourne, Inc. in 2024, previous 2014 by JW Morrisette**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 10 years**Remaining Life:** 8 years**Lower Estimate:** \$ 78,800**Higher Estimate:** \$96,400**Cost Source:** Inflated Estimate: Gray & Osborne, Inc.**Comp #: 700 Water Permits, Laws & Regs****Approx Quantity: 1 Requirements****Location:** Community water systems**Funded?:** No.**History:****Comments:** Not funded - no changes from previous study.**Useful Life:****Remaining Life:****Lower Estimate:** \$ 0**Higher Estimate:** \$0**Cost Source:**

System 3, Well 2

Comp #: 801 Well AHB 683 - Replace/Source Approval**Approx Quantity: 8 8", 225 deep, 275 GPM****Location:** Division 4**Funded?:** Yes.**History:** Installed 1970**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 85 years**Remaining Life:** 29 years**Lower Estimate:** \$ 34,300**Higher Estimate:** \$41,900**Cost Source:** Inflated Rate Study Estimates**Comp #: 802 Well Pump - Replace****Approx Quantity: 30 HP****Location:** Well 2, Division 4**Funded?:** Yes.**History:** Installed 2008**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 12 years**Lower Estimate:** \$ 32,000**Higher Estimate:** \$39,100**Cost Source:** Inflated Rate Study Estimates**Comp #: 803 Pump Controller - Replace****Approx Quantity: 7 Variable Speed -YaskawaP7****Location:** Well 2, Division 4**Funded?:** Yes.**History:** Installed 2008**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 2 years**Lower Estimate:** \$ 9,270**Higher Estimate:** \$11,300**Cost Source:** Inflated Rate Study Estimates**Comp #: 804 Source Meter - Replace****Approx Quantity: 1 Source Meter****Location:** Well 2, Division 4**Funded?:** Yes.**History:** 2013**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 15 years**Remaining Life:** 2 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates**Comp #: 805 Pumphouse Electronics - Replace****Approx Quantity: 1 Electronic System****Location:** Well 2 Pumphouse, Division 4**Funded?:** Yes.**History:** 2008**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 12 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 806 Pumphouse Structure - Replace****Approx Quantity: 1 wood structure****Location:** Well 2, Division 4**Funded?:** Yes.**History:** 1970**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 4 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates**Comp #: 807 Pumphouse Roof - Replace****Approx Quantity: 1 Steel****Location:** Well 2 Pumphouse, Division 4**Funded?:** Yes.**History:** 1970**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 4 years**Lower Estimate:** \$ 3,710**Higher Estimate:** \$4,530**Cost Source:** Inflated Rate Study Estimates

Comp #: 808 Generator - Replace

Approx Quantity: 1 Power Cummins

Location: System 3: Well #2

Funded?: Yes.

History: Installed in 2022

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 50 years

Remaining Life: 46 years

Lower Estimate: \$ 60,300

Higher Estimate: \$73,700

Cost Source: ARI Cost Database: Similar Project

Cost History

System 3, Well 10

Comp #: 811 Well AHB 682 - Replace/Source Approval**Approx Quantity: 8 8", 164 deep, 150 GPM****Location:** Division 4**Funded?:** Yes.**History:** Installed 1989**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 85 years**Remaining Life:** 48 years**Lower Estimate:** \$ 29,700**Higher Estimate:** \$36,300**Cost Source:** Inflated Rate Study Estimates**Comp #: 812 Well Pump - Replace****Approx Quantity: 30 HP****Location:** Well 10, Division 4**Funded?:** Yes.**History:** Installed 2008**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 12 years**Lower Estimate:** \$ 32,000**Higher Estimate:** \$39,100**Cost Source:** Inflated Rate Study Estimates**Comp #: 813 Pump Controller - Replace****Approx Quantity: 7 Variable Speed -YaskawaP7****Location:** Well 10, Division 4**Funded?:** Yes.**History:** Installed 2008**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 2 years**Lower Estimate:** \$ 7,420**Higher Estimate:** \$9,060**Cost Source:** Inflated Rate Study Estimates**Comp #: 814 Source Meter - Replace****Approx Quantity: 1 Source Meter****Location:** Well 10, Division 4**Funded?:** Yes.**History:** 2013**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 15 years**Remaining Life:** 2 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates**Comp #: 815 Pumphouse Electronics - Replace****Approx Quantity: 1 Electronic System****Location:** Well 10 Pumphouse, Division 4**Funded?:** Yes.**History:** 2008**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 12 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 816 Pumphouse Structure - Replace****Approx Quantity: 1 wood structure****Location:** Well 10 Pumphouse, Division 4**Funded?:** Yes.**History:** 1989**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 23 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates**Comp #: 817 Pumphouse Roof - Replace****Approx Quantity: 1 Shingle****Location:** Well 10 Pumphouse, Division 4**Funded?:** Yes.**History:** 1989**Comments:** Remaining useful life remains at zero as not completed/planned;cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 0 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates

System 5, Well 1

Comp #: 1001 Well AHB 681 - Replace/Source Approval**Approx Quantity: 8 8", 118 deep, 145 GPM****Location:** Division 1**Funded?:** Yes.**History:** Installed 1977**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 85 years**Remaining Life:** 36 years**Lower Estimate:** \$ 25,000**Higher Estimate:** \$30,600**Cost Source:** Inflated Rate Study Estimates**Comp #: 1002 Well Pump - Replace****Approx Quantity: 40 HP****Location:** Well 1, Division 1**Funded?:** Yes.**History:** Installed 2007**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 11 years**Lower Estimate:** \$ 32,000**Higher Estimate:** \$39,100**Cost Source:** Inflated Rate Study Estimates**Comp #: 1003 Pump Controller - Replace****Approx Quantity: 7 Variable Speed -YaskawaP7****Location:** Well 1, Division 1**Funded?:** Yes.**History:** Installed 2007**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 1 years**Lower Estimate:** \$ 7,420**Higher Estimate:** \$9,060**Cost Source:** Inflated Rate Study Estimates**Comp #: 1004 Source Meter - Replace****Approx Quantity: 1 Source Meter****Location:** Well 1, Division 1**Funded?:** Yes.**History:** 2013**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 15 years**Remaining Life:** 2 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates**Comp #: 1005 Pumphouse Electronics - Replace****Approx Quantity: 1 Electronic System****Location:** Well 1 Pumphouse, Division 1**Funded?:** Yes.**History:** 2007**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 11 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1006 Pumphouse Structure - Replace****Approx Quantity: 1 wood structure****Location:** Well 1 Pumphouse, Division 1**Funded?:** Yes.**History:** 1977**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 11 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates**Comp #: 1007 Pumphouse Roof - Replace****Approx Quantity: 1 Steel****Location:** Well 1 Pumphouse, Division 1**Funded?:** Yes.**History:** 1977**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 11 years**Lower Estimate:** \$ 3,250**Higher Estimate:** \$3,970**Cost Source:** Inflated Rate Study Estimates

Comp #: 1009 Chlorination System - Replace

Approx Quantity: 1 Pump, tank, etc.

Location: Well 1, Division 1

Funded?: No. Removed in 2025

History: 2007

Comments: Funding for this component removed at Client request as reported this system no longer in use.

Useful Life:

Remaining Life:

Lower Estimate:

Higher Estimate:

Cost Source:

System 5, Well 9

Comp #: 1011 Well AHB 680 - Replace/Source Approval**Approx Quantity: 8 8", 208 deep, 110 GPM****Location:** Division 1**Funded?:** Yes.**History:** Installed 1989**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 85 years**Remaining Life:** 48 years**Lower Estimate:** \$ 32,500**Higher Estimate:** \$39,700**Cost Source:** Inflated Rate Study Estimates**Comp #: 1012 Well Pump - Replace****Approx Quantity: 50 HP****Location:** Well 9, Division 1**Funded?:** Yes.**History:** Installed 2007**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 11 years**Lower Estimate:** \$ 37,100**Higher Estimate:** \$45,300**Cost Source:** Inflated Rate Study Estimates**Comp #: 1013 Pump Controller - Replace****Approx Quantity: 7 Variable Speed -YaskawaP7****Location:** Well 9, Division 1**Funded?:** Yes.**History:** Installed 2007**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 1 years**Lower Estimate:** \$ 7,420**Higher Estimate:** \$9,060**Cost Source:** Inflated Rate Study Estimates**Comp #: 1014 Source Meter - Replace****Approx Quantity: 1 Source Meter****Location:** Well 9, Division 1**Funded?:** Yes.**History:** 2013**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 15 years**Remaining Life:** 2 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates**Comp #: 1015 Pumphouse Electronics - Replace****Approx Quantity: 1 Electronic System****Location:** Well 9 Pumphouse, Division 1**Funded?:** Yes.**History:** 2007**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 11 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1016 Pumphouse Structure - Replace****Approx Quantity: 1 wood structure****Location:** Well 9 Pumphouse, Division 1**Funded?:** Yes.**History:** 1989**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 23 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates**Comp #: 1017 Pumphouse Roof - Replace****Approx Quantity: 1 Shingle****Location:** Well 9 Pumphouse, Division 1**Funded?:** Yes.**History:** 1989**Comments:** Remaining useful life remains at zero as not completed/planned;cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 0 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates

Comp #: 1018 Generator - Replace

Approx Quantity: 1 CAT 100 KW

Location: System 5: Well #9

Funded?: Yes.

History: Installed in 2007

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 50 years

Remaining Life: 32 years

Lower Estimate: \$ 60,300

Higher Estimate: \$73,700

Cost Source: ARI Cost Database: Similar Project

Cost History

Comp #: 1019 Chlorination System - Replace

Approx Quantity: 1 Pump, tank, etc.

Location: Well 9, Division 1

Funded?: No. No longer in use

History: 2007

Comments: Funding for this component removed at Client request as reported this system no longer in use.

Useful Life:

Remaining Life:

Lower Estimate:

Higher Estimate:

Cost Source:

System 5, Well 8

Comp #: 1021 Well AHB 679 - Replace/Source Approval**Approx Quantity: 8 8", 115 deep, 165 GPM****Location:** Division 14**Funded?:** Yes.**History:** Installed 1988**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 85 years**Remaining Life:** 36 years**Lower Estimate:** \$ 25,000**Higher Estimate:** \$30,600**Cost Source:** Inflated Rate Study Estimates**Comp #: 1022 Well Pump - Replace****Approx Quantity: 15 HP****Location:** Well 8, Division 14**Funded?:** Yes.**History:** Replaced in 2024; Installed 1988**Comments:** Remaining useful life reset based on completion in 2024; cost inflated.**Useful Life:** 30 years**Remaining Life:** 28 years**Lower Estimate:** \$ 12,100**Higher Estimate:** \$14,700**Cost Source:** Inflated Rate Study Estimates**Comp #: 1023 Pump Controller - Replace****Approx Quantity: 1 Controller****Location:** Well 8, Division 14**Funded?:** Yes.**History:** Installed 2011**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 5 years**Lower Estimate:** \$ 7,420**Higher Estimate:** \$9,060**Cost Source:** Inflated Rate Study Estimates**Comp #: 1024 Source Meter - Replace****Approx Quantity: 1 Source Meter****Location:** Well 8, Division 14**Funded?:** Yes.**History:** 2013**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 15 years**Remaining Life:** 2 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates**Comp #: 1025 Pumphouse Electronics - Replace****Approx Quantity: 1 Electronic System****Location:** Well 8 Pumphouse, Division 14**Funded?:** Yes.**History:** 1998**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 2 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1026 Pumphouse Structure - Replace****Approx Quantity: 1 wood structure****Location:** Well 8 Pumphouse, Division 14**Funded?:** Yes.**History:** 1988**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 22 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates**Comp #: 1027 Pumphouse Roof - Replace****Approx Quantity: 1 Shingle****Location:** Well 8 Pumphouse, Division 14**Funded?:** Yes.**History:** 1988**Comments:** Remaining useful life remains at zero as not completed/planned; cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 0 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates

System 5, Well 5

Comp #: 1031 Well AHB 678 - Replace/Source Approval**Approx Quantity: 8 8", 159 deep, 178 GPM****Location:** Division 19**Funded?:** Yes.**History:** Installed 1971**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 85 years**Remaining Life:** 30 years**Lower Estimate:** \$ 25,000**Higher Estimate:** \$30,600**Cost Source:** Inflated Rate Study Estimates**Comp #: 1032 Well Pump - Replace****Approx Quantity: 15 HP****Location:** Well 5, Division 19**Funded?:** Yes.**History:** Installed 1998**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 2 years**Lower Estimate:** \$ 13,000**Higher Estimate:** \$15,800**Cost Source:** Inflated Rate Study Estimates**Comp #: 1033 Pump Controller - Replace****Approx Quantity: 1 Controller****Location:** Well 5, Division 19**Funded?:** Yes.**History:** Installed 2011**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 5 years**Lower Estimate:** \$ 7,420**Higher Estimate:** \$9,060**Cost Source:** Inflated Rate Study Estimates**Comp #: 1034 Source Meter - Replace****Approx Quantity: 1 Source Meter****Location:** Well 5, Division 19**Funded?:** Yes.**History:** 2013**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 15 years**Remaining Life:** 2 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates**Comp #: 1035 Pumphouse Electronics - Replace****Approx Quantity: 1 Electronic System****Location:** Well 5 Pumphouse, Division 19**Funded?:** Yes.**History:** 1998**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 2 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1036 Pumphouse Structure - Replace****Approx Quantity: 1 wood structure****Location:** Well 5 Pumphouse, Division 19**Funded?:** Yes.**History:** 1971**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 5 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates**Comp #: 1037 Pumphouse Roof - Replace****Approx Quantity: 1 Shingle****Location:** Well 5 Pumphouse, Division 19**Funded?:** Yes.**History:** 1971**Comments:** Remaining useful life remains at zero as not completed/planned;cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 0 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates

System 5, Well 3

Comp #: 1041 Well AHB 677 - Replace/Source Approval **Approx Quantity: 8 8", 51 deep, 165 GPM**

Location: Division 5

Funded?: Yes.

History: Installed 1968

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 85 years

Remaining Life: 27 years

Lower Estimate: \$ 22,200

Higher Estimate: \$27,200

Cost Source: Inflated Rate Study Estimates

Comp #: 1042 Well Pump - Replace

Approx Quantity: 5 HP

Location: Well 3, Division 5

Funded?: Yes.

History: Replaced in 2024; Installed 1992

Comments: Remaining useful life reset based on completion in 2024; cost inflated.

Useful Life: 30 years

Remaining Life: 2 years

Lower Estimate: \$ 8,340

Higher Estimate: \$10,200

Cost Source: Inflated Rate Study Estimates

Comp #: 1043 Pump Controller - Replace

Approx Quantity: 1 Controller

Location: Well 3, Division 5

Funded?: Yes.

History: Installed 2007

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 20 years

Remaining Life: 1 years

Lower Estimate: \$ 3,250

Higher Estimate: \$3,970

Cost Source: Inflated Rate Study Estimates

Comp #: 1044 Source Meter - Replace

Approx Quantity: 1 Source Meter

Location: Well 3, Division 5

Funded?: Yes.

History: 2013

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 15 years

Remaining Life: 2 years

Lower Estimate: \$ 2,690

Higher Estimate: \$3,290

Cost Source: Inflated Rate Study Estimates

Comp #: 1045 Pumphouse Electronics - Replace

Approx Quantity: 1 Electronic System

Location: Well 3 Pumphouse, Division 5

Funded?: Yes.

History: 1998

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 30 years

Remaining Life: 2 years

Lower Estimate: \$ 10,600

Higher Estimate: \$13,000

Cost Source: Inflated Rate Study Estimates

Comp #: 1046 Pumphouse Structure - Replace

Approx Quantity: 1 wood structure

Location: Well 3 Pumphouse, Division 5

Funded?: Yes.

History: 1968

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 60 years

Remaining Life: 2 years

Lower Estimate: \$ 8,530

Higher Estimate: \$10,400

Cost Source: Inflated Rate Study Estimates

Comp #: 1047 Pumphouse Roof - Replace

Approx Quantity: 1 Steel

Location: Well 3 Pumphouse, Division 5

Funded?: Yes.

History: 1968

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 60 years

Remaining Life: 2 years

Lower Estimate: \$ 5,370

Higher Estimate: \$6,570

Cost Source: Inflated Rate Study Estimates

System 5, Well 7

Comp #: 1051 Well AHB 675 - Replace/Source Approval		Approx Quantity: 8 8", 63 deep, 60 GPM
Location: Division 7		
Funded?: Yes.		
History: Installed 1988		
Comments: Remaining useful life adjusted down and cost inflated from previous study.		
Useful Life: 85 years	Remaining Life:	47 years
Lower Estimate: \$ 22,200	Higher Estimate:	\$27,200
Cost Source: Inflated Rate Study Estimates		
Comp #: 1052 Well Pump - Replace		Approx Quantity: 5 HP
Location: Well 7, Division 7		
Funded?: Yes.		
History: Installed 2020		
Comments: Remaining useful life adjusted based on 2020 install; cost inflated.		
Useful Life: 30 years	Remaining Life:	24 years
Lower Estimate: \$ 8,340	Higher Estimate:	\$10,200
Cost Source: Inflated Rate Study Estimates		
Comp #: 1053 Pump Controller - Replace		Approx Quantity: 1 Controller
Location: Well 7, Division 7		
Funded?: Yes.		
History: Installed 2011		
Comments: Remaining useful life adjusted down and cost inflated from previous study.		
Useful Life: 20 years	Remaining Life:	5 years
Lower Estimate: \$ 7,420	Higher Estimate:	\$9,060
Cost Source: Inflated Rate Study Estimates		
Comp #: 1054 Source Meter - Replace		Approx Quantity: 1 Source Meter
Location: Well 7, Division 7		
Funded?: Yes.		
History: 2013		
Comments: Remaining useful life adjusted down and cost inflated from previous study.		
Useful Life: 15 years	Remaining Life:	2 years
Lower Estimate: \$ 2,690	Higher Estimate:	\$3,290
Cost Source: Inflated Rate Study Estimates		
Comp #: 1055 Pumphouse Electronics - Replace		Approx Quantity: 1 Electronic System
Location: Well 7 Pumphouse, Division 7		
Funded?: Yes.		
History: 1998		
Comments: Remaining useful life adjusted down and cost inflated from previous study.		
Useful Life: 30 years	Remaining Life:	2 years
Lower Estimate: \$ 10,600	Higher Estimate:	\$13,000
Cost Source: Inflated Rate Study Estimates		
Comp #: 1056 Pumphouse Structure - Replace		Approx Quantity: 1 wood structure
Location: Well 7 Pumphouse, Division 7		
Funded?: Yes.		
History: 1988		
Comments: Remaining useful life adjusted down and cost inflated from previous study.		
Useful Life: 60 years	Remaining Life:	22 years
Lower Estimate: \$ 8,530	Higher Estimate:	\$10,400
Cost Source: Inflated Rate Study Estimates		
Comp #: 1057 Pumphouse Roof - Replace		Approx Quantity: 1 Shingle
Location: Well 7 Pumphouse, Division 7		
Funded?: Yes.		
History: 1988		
Comments: Remaining useful life remains at zero as not completed/planned; cost inflated from previous study.		
Useful Life: 30 years	Remaining Life:	0 years
Lower Estimate: \$ 2,690	Higher Estimate:	\$3,290
Cost Source: Inflated Rate Study Estimates		

System 5, Well 11

Comp #: 1061 Well AHB 676 - Replace/Source Approval**Approx Quantity: 8 8", 160 deep, 98 GPM****Location:** Division 7**Funded?:** Yes.**History:** Installed 1989**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 85 years**Remaining Life:** 48 years**Lower Estimate:** \$ 28,700**Higher Estimate:** \$35,100**Cost Source:** Inflated Rate Study Estimates

Comp #: 1062 Well Pump - Replace**Approx Quantity: 10 HP****Location:** Well 11, Division 7**Funded?:** Yes.**History:** Anticipated for replacement in 2025; Installed 1989**Comments:** Remaining useful life reset and cost adjusted based on signed bid provided to us for 2025 project.**Useful Life:** 30 years**Remaining Life:** 29 years**Lower Estimate:** \$ 18,900**Higher Estimate:** \$23,100**Cost Source:** Bid: Arcadia Drilling, Inc (\$21K in 2025)

Comp #: 1063 Pump Controller - Replace**Approx Quantity: 1 Controller****Location:** Well 11, Division 7**Funded?:** Yes.**History:** Installed 2007**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 1 years**Lower Estimate:** \$ 5,560**Higher Estimate:** \$6,800**Cost Source:** Inflated Rate Study Estimates

Comp #: 1064 Source Meter - Replace**Approx Quantity: 1 Source Meter****Location:** Well 11, Division 7**Funded?:** Yes.**History:** 2013**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 15 years**Remaining Life:** 2 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates

Comp #: 1065 Pumphouse Electronics - Replace**Approx Quantity: 1 Electronic System****Location:** Well 11 Pumphouse, Division 7**Funded?:** Yes.**History:** 1998**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 2 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates

Comp #: 1066 Pumphouse Structure - Replace**Approx Quantity: 1 wood structure****Location:** Well 7 Pumphouse, Division 7**Funded?:** Yes.**History:** 1989**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 23 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates

Comp #: 1067 Pumphouse Roof - Replace**Approx Quantity: 1 Shingle****Location:** Well 7 Pumphouse, Division 7**Funded?:** Yes.**History:** 1989**Comments:** Remaining useful life remains at zero as not completed/planned; cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 0 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates

Reservoirs

Comp #: 1101 Tanks - Inspect/Repair/Clean

Approx Quantity: 7 existing tanks

Location: Divisions 1, 2 5, 10 & 15

Funded?: Yes.

History: Cleaned in 2022

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 5 years

Remaining Life: 1 years

Lower Estimate: \$ 88,100

Higher Estimate: \$108,000

Cost Source: ARI Cost Database: Similar Project
Cost History

Comp #: 1102 System 3, Division 2 Concrete - Replc

Approx Quantity: 138,900 138,900 GI, 35H X 26 D

Location: Division 2

Funded?: Yes.

History: ~ 2006

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 80 years

Remaining Life: 60 years

Lower Estimate: \$ 362,000

Higher Estimate: \$442,000

Cost Source: Inflated Rate Study Estimates

Comp #: 1103 System 5, Division 1 Concrete - Replc

Approx Quantity: 59,600 59,600 GI, 26H X 15 D

Location: Division 1

Funded?: Yes.

History: ~1983

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 80 years

Remaining Life: 37 years

Lower Estimate: \$ 187,000

Higher Estimate: \$229,000

Cost Source: Inflated Rate Study Estimates

Comp #: 1104 System 5, Division 15 Concrete - Replc

Approx Quantity: 50,500 50,500 GI, 21.H X 20D

Location: Division 15

Funded?: Yes.

History: ~1973

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 80 years

Remaining Life: 27 years

Lower Estimate: \$ 176,000

Higher Estimate: \$215,000

Cost Source: Inflated Rate Study Estimates

Comp #: 1105 System 5, Eastside 1 Concrete - Replc

Approx Quantity: 79,500 79,500 GI, 20H X 26D

Location: Dow Mountain area

Funded?: Yes.

History: ~1969

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 80 years

Remaining Life: 23 years

Lower Estimate: \$ 187,000

Higher Estimate: \$229,000

Cost Source: Inflated Rate Study Estimates

Comp #: 1106 System 5, Eastside 2 Concrete - Replc

Approx Quantity: 79,500 79,500 GI, 20H X 26D

Location: Dow Mountain area

Funded?: Yes.

History: ~1969

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 80 years

Remaining Life: 23 years

Lower Estimate: \$ 187,000

Higher Estimate: \$229,000

Cost Source: Inflated Rate Study Estimates

Comp #: 1107 System 5, Eastside 3 Concrete - Replc

Approx Quantity: 132,200 132,200 GI, 25H X 30D

Location: Dow Mountain area

Funded?: Yes.

History: ~2008

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 80 years

Remaining Life: 62 years

Lower Estimate: \$ 299,000

Higher Estimate: \$365,000

Cost Source: Inflated Rate Study Estimates

Comp #: 1108 System 5, Division 10 Concrete - Replc

Approx Quantity: 158,600 158,600 GI, 30H X 30D

Location: Division 10

Funded?: Yes.

History: ~1996

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 80 years

Remaining Life: 50 years

Lower Estimate: \$ 341,000

Higher Estimate: \$417,000

Cost Source: Inflated Rate Study Estimates

Booster Pump Station Div. 1/Rose Ave.

Comp #: 1119 Booster Pump/Motor - Replc 1 of 2**Approx Quantity: 1 15 HP pump****Location:** System 5: Division 1 Rose Avenue**Funded?:** Yes.**History:** Replaced about 2022, previously in 2006**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 26 years**Lower Estimate:** \$ 14,000**Higher Estimate:** \$17,100**Cost Source:** ARI Cost Database: Similar Project

Cost History/Inflated Cost History

Comp #: 1120 Booster Pump/Motor - Replc 2 of 2**Approx Quantity: 1 20 HP pump****Location:** System 5, Division 1 Rose Avenue**Funded?:** Yes.**History:** Replaced about 2006**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 10 years**Lower Estimate:** \$ 18,500**Higher Estimate:** \$22,700**Cost Source:** Inflated Rate Study Estimates**Comp #: 1121 Pump Controller 1 of 2 - Replace****Approx Quantity: 1,000 Yaskawa P1000****Location:** System 5, Division 1 Rose Avenue**Funded?:** Yes.**History:** Replaced about 2006**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 0 years**Lower Estimate:** \$ 7,420**Higher Estimate:** \$9,060**Cost Source:** Inflated Rate Study Estimates**Comp #: 1122 Pump Controller 2 of 2 - Replace****Approx Quantity: 1 Aquavar****Location:** System 5, Division 1 Rose Avenue**Funded?:** Yes.**History:** Replaced about 2019**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 13 years**Lower Estimate:** \$ 6,490**Higher Estimate:** \$7,930**Cost Source:** Inflated Rate Study Estimates**Comp #: 1123 Pumphouse Electronics - Replace****Approx Quantity: 1 Electronic System****Location:** System 5, Division 1 Rose Avenue Pumphouse**Funded?:** Yes.**History:** 2006**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 10 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1124 Pumphouse Structure - Replace****Approx Quantity: 1 wood structure****Location:** System 5, Division 1 Rose Avenue Pumphouse**Funded?:** Yes.**History:** 1982**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 23 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates**Comp #: 1125 Pumphouse Roof - Replace****Approx Quantity: 1 Steel****Location:** System 5, Division 1 Rose Avenue Pumphouse**Funded?:** Yes.**History:** 1982**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 16 years**Lower Estimate:** \$ 3,250**Higher Estimate:** \$3,970**Cost Source:** Inflated Rate Study Estimates

Comp #: 1126 Monitoring Equipment - Replace

Approx Quantity: 1 Hach CL

Location: System 5: Division 1 Rose Avenue

Funded?: No. No longer in use

History: Replaced about 2006

Comments: Funding for this component removed at Client request as reported this system no longer in use.

Useful Life:

Remaining Life:

Lower Estimate:

Higher Estimate:

Cost Source:

Comp #: 1127 Generator - Replace

Approx Quantity: 1 Cummins 60 KW

Location: System 5: Division 1 Rose Avenue

Funded?: Yes.

History: Installed in 2019

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 50 years

Remaining Life:

43 years

Lower Estimate: \$ 53,300

Higher Estimate:

\$65,100

Cost Source: Inflated Rate Study Estimates

Booster Pump Station Div. 15

Comp #: 1129 Booster Pump/Motor - Replc**Approx Quantity: 1 15 HP pump****Location:** System 5, Division 15**Funded?:** Yes.**History:** Replaced in 2025; replaced 2014**Comments:** Remaining useful life reset and cost adjusted based on 2025 replacement.**Useful Life:** 30 years**Remaining Life:** 29 years**Lower Estimate:** \$ 14,900**Higher Estimate:** \$18,200**Cost Source:** Inflated Rate Study Estimates

Comp #: 1132 Pump Controller - Replace**Approx Quantity: 1,000 Yaskawa P1000****Location:** System 5, Division 15**Funded?:** Yes.**History:** Replaced about 2014**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 8 years**Lower Estimate:** \$ 7,420**Higher Estimate:** \$9,060**Cost Source:** Inflated Rate Study Estimates

Comp #: 1133 Pumphouse Electronics - Replace**Approx Quantity: 1 Electronic System****Location:** System 5, Division 15 Pumphouse**Funded?:** Yes.**History:** 1998**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 2 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates

Comp #: 1134 Pumphouse Structure - Replace**Approx Quantity: 1 wood structure****Location:** System 5, Division 15 Pumphouse**Funded?:** Yes.**History:** Rebuilt in 2024; 1998**Comments:** Remaining useful life reset as client reports completed in 2024; cost inflated.**Useful Life:** 60 years**Remaining Life:** 58 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates

Comp #: 1135 Pumphouse Roof - Replace**Approx Quantity: 1 Shingled****Location:** System 5, Division 15 Pumphouse**Funded?:** Yes.**History:** Replaced in 2024; 1998**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 28 years**Lower Estimate:** \$ 2,690**Higher Estimate:** \$3,290**Cost Source:** Inflated Rate Study Estimates

Booster Pump Station Anderson

Comp #: 1139 Booster Pump/Motor - Replc**Approx Quantity: 1 3.5 HP pump****Location:** System 5, Anderson Division 13**Funded?:** Yes.**History:** Replaced 2015**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 19 years**Lower Estimate:** \$ 4,270**Higher Estimate:** \$5,210**Cost Source:** Inflated Rate Study Estimates

Comp #: 1142 Pump Controller - Replace**Approx Quantity: 1 Aquavar****Location:** System 5, Anderson Division 13**Funded?:** Yes.**History:** Replaced about 2015**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 8 years**Lower Estimate:** \$ 4,270**Higher Estimate:** \$5,210**Cost Source:** Inflated Rate Study Estimates

Comp #: 1143 Pumphouse Electronics - Replace**Approx Quantity: 1 Electronic System****Location:** System 5, Anderson Division 13 Pumphouse**Funded?:** Yes.**History:** 1998**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 2 years**Lower Estimate:** \$ 2,130**Higher Estimate:** \$2,610**Cost Source:** Inflated Rate Study Estimates

Comp #: 1144 Pumphouse Structure - Replace**Approx Quantity: 1 wood structure****Location:** System 5, Anderson Division 13 Pumphouse**Funded?:** Yes.**History:** 1998**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 32 years**Lower Estimate:** \$ 6,400**Higher Estimate:** \$7,820**Cost Source:** Inflated Rate Study Estimates

Comp #: 1145 Pumphouse Roof - Replace**Approx Quantity: 1 Shingled****Location:** System 5, Anderson Division 13 Pumphouse**Funded?:** Yes.**History:** 1998**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 2 years**Lower Estimate:** \$ 1,940**Higher Estimate:** \$2,380**Cost Source:** Inflated Rate Study Estimates

Booster Pump Station Division 10

Comp #: 1149 Booster Pump/Motor - Replc 1 of 2**Approx Quantity: 1 25 HP pump****Location:** System 5, Division 10**Funded?:** Yes.**History:** Replaced 2020**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 24 years**Lower Estimate:** \$ 19,400**Higher Estimate:** \$23,800**Cost Source:** Inflated Rate Study Estimates**Comp #: 1150 Booster Pump/Motor - Replc 2 of 2****Approx Quantity: 1 25 HP pump****Location:** System 5, Division 10**Funded?:** Yes.**History:** Replaced 2020**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 24 years**Lower Estimate:** \$ 19,400**Higher Estimate:** \$23,800**Cost Source:** Inflated Rate Study Estimates**Comp #: 1151 Pump Controller 1 of 2 - Replace****Approx Quantity: 1 Aquavar****Location:** System 5, Division 10**Funded?:** Yes.**History:** Replaced about 2020**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 14 years**Lower Estimate:** \$ 7,970**Higher Estimate:** \$9,750**Cost Source:** Inflated Rate Study Estimates**Comp #: 1152 Pump Controller 2 of 2 - Replace****Approx Quantity: 1 Aquavar****Location:** System 5, Division 10**Funded?:** Yes.**History:** Replaced about 2020**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 20 years**Remaining Life:** 14 years**Lower Estimate:** \$ 7,970**Higher Estimate:** \$9,750**Cost Source:** Inflated Rate Study Estimates**Comp #: 1153 Pumphouse Electronics - Replace****Approx Quantity: 1 Electronic System****Location:** System 5, Division 10 Pumphouse**Funded?:** Yes.**History:** 2007**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 30 years**Remaining Life:** 11 years**Lower Estimate:** \$ 10,600**Higher Estimate:** \$13,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1154 Pumphouse Structure - Replace****Approx Quantity: 1 wood structure****Location:** System 5, Division 10 Pumphouse**Funded?:** Yes.**History:** 1971**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 5 years**Lower Estimate:** \$ 21,300**Higher Estimate:** \$26,100**Cost Source:** Inflated Rate Study Estimates**Comp #: 1155 Pumphouse Roof - Replace****Approx Quantity: 1 Steel****Location:** System 5, Division 10 Pumphouse**Funded?:** Yes.**History:** 1971**Comments:** Remaining useful life adjusted down and cost inflated from previous study.**Useful Life:** 60 years**Remaining Life:** 5 years**Lower Estimate:** \$ 8,530**Higher Estimate:** \$10,400**Cost Source:** Inflated Rate Study Estimates

Comp #: 1157 Generator - Replace

Approx Quantity: 1 Kohler 80 KW

Location: System 5, Division 10 Pumphouse

Funded?: Yes.

History: Installed in 2013

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 50 years

Remaining Life: 37 years

Lower Estimate: \$ 74,600

Higher Estimate: \$91,200

Cost Source: Inflated Rate Study Estimates

Comp #: 1158 Propane Tank, Generator - Replace

Approx Quantity: 1 1000 Gallon

Location: System 5, Division 10 Pumphouse

Funded?: Yes.

History: Installed in 2013

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 40 years

Remaining Life: 27 years

Lower Estimate: \$ 2,690

Higher Estimate: \$3,290

Cost Source: Inflated Rate Study Estimates

Booster Pump Station Rim View, Bi-Directional

Comp #: 1159 Booster Pump/Motor - Replc **Approx Quantity: 1 10 HP pump**
Location: System 5, Division 11 Marine View
Funded?: Yes.
History: Replaced 2014
Comments: Remaining useful life adjusted down and cost inflated from previous study.
Useful Life: 30 years **Remaining Life:** 18 years
Lower Estimate: \$ 8,530 **Higher Estimate:** \$10,400
Cost Source: Inflated Rate Study Estimates

Comp #: 1162 Pump Controller - Replace **Approx Quantity: 1 Aquavar**
Location: System 5, Division 11 Marine View
Funded?: Yes.
History: Replaced about 2016
Comments: Remaining useful life remains at zero as not completed/planned; cost inflated from previous study.
Useful Life: 20 years **Remaining Life:** 0 years
Lower Estimate: \$ 6,400 **Higher Estimate:** \$7,820
Cost Source: Inflated Rate Study Estimates

Comp #: 1163 Pumphouse Electronics - Replace **Approx Quantity: 1 Electronic System**
Location: System 5, Division 11 Marine View Pumphouse
Funded?: Yes.
History: 1998
Comments: Remaining useful life adjusted down and cost inflated from previous study.
Useful Life: 30 years **Remaining Life:** 2 years
Lower Estimate: \$ 10,600 **Higher Estimate:** \$13,000
Cost Source: Inflated Rate Study Estimates

Comp #: 1164 Pumphouse Structure - Replace **Approx Quantity: 1 wood structure**
Location: System 5, Division 11 Marine View Pumphouse
Funded?: Yes.
History: 1998
Comments: Remaining useful life adjusted down and cost inflated from previous study.
Useful Life: 60 years **Remaining Life:** 32 years
Lower Estimate: \$ 10,600 **Higher Estimate:** \$13,000
Cost Source: Inflated Rate Study Estimates

Comp #: 1165 Pumphouse Roof - Replace **Approx Quantity: 1 Shingled**
Location: System 5, Division 11 Marine View Pumphouse
Funded?: Yes.
History: 1998
Comments: Remaining useful life adjusted down and cost inflated from previous study.
Useful Life: 30 years **Remaining Life:** 2 years
Lower Estimate: \$ 2,690 **Higher Estimate:** \$3,290
Cost Source: Inflated Rate Study Estimates

Comp #: 1167 Pressure Reducing Valves - Replace **Approx Quantity: 4 Cla-Val Valves**
Location: System 5, Division 11 Marine View
Funded?: Yes.
History: Replaced 2022, previously ~1998
Comments: Remaining useful life adjusted down and cost inflated from previous study.
Useful Life: 10 years **Remaining Life:** 6 years
Lower Estimate: \$ 14,000 **Higher Estimate:** \$17,100
Cost Source: Inflated Client Cost History

System 3 General Expenditures

Comp #: 1200 Distribution Mains, Sys 3 - Replace**Approx Quantity: 26,100 LF****Location:** Throughout System 3 water system (Divisions 2, 3 & 4)**Funded?:** Yes.**History:** 1970

Comments: As discussed with Client, after the Water Main/Hydrant replacement project currently planned through year 2037 is completed (components 599-620), funding will be set at annual amounts as shown here (timing here shown to start in year 2038). While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.

Useful Life: 1 years**Remaining Life:** 12 years**Lower Estimate:** \$ 270,000**Higher Estimate:** \$330,000**Cost Source:** Annual Budget as discussed with Client**Comp #: 1204 Isolation Valves - Replace****Approx Quantity: 80****Location:** Throughout System 3 water system**Funded?:** Yes.**History:** 1970

Comments: As discussed with Client, these valves have no history of being replaced as single comprehensive project and reality is replacements are occurring on an annual basis. While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.

Useful Life: 1 years**Remaining Life:** 0 years**Lower Estimate:** \$ 3,600**Higher Estimate:** \$4,400**Cost Source:** Annual Budget as discussed with Client**Comp #: 1205 Blow-Off Assemblies - Replace****Approx Quantity: 12 assemblies****Location:** Throughout System 3 water system**Funded?:** Yes.**History:** 1970

Comments: As discussed with Client, these blow-off assemblies have no history of being replaced as single comprehensive project and reality is replacements are occurring on an annual basis. While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.

Useful Life: 1 years**Remaining Life:** 0 years**Lower Estimate:** \$ 900**Higher Estimate:** \$1,100**Cost Source:** Annual Budget as discussed with Client**Comp #: 1206 Air-Vacuum Release Valves - Replace****Approx Quantity: 4 valves****Location:** System 3 water system**Funded?:** Yes.**History:** 1970

Comments: As discussed with Client, these air-vacuum release valves have no history of being replaced as single comprehensive project and reality is replacements are occurring on an annual basis. While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.

Useful Life: 1 years**Remaining Life:** 0 years**Lower Estimate:** \$ 900**Higher Estimate:** \$1,100**Cost Source:** Annual Budget as discussed with Client**Comp #: 1208 Fire Hydrants - Replace****Approx Quantity: 9 valves****Location:** System 3 water system**Funded?:** Yes.**History:** 2008

Comments: As discussed with Client, these fire hydrants have no history of being replaced as single comprehensive project and reality is replacements are occurring on an annual basis. While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.

Useful Life: 1 years**Remaining Life:** 0 years**Lower Estimate:** \$ 2,700**Higher Estimate:** \$3,300**Cost Source:** Annual Budget as discussed with Client

Comp #: 1210 Meter Setters - Replace

Approx Quantity: 396 meter setters

Location: System 3 water system

Funded?: Yes.

History: 2009

Comments: Adjusted based on client information; cost inflated.

Useful Life: 35 years

Remaining Life:

15 years

Lower Estimate: \$ 127,000

Higher Estimate:

\$155,000

Cost Source: Inflated Rate Study Estimates

Comp #: 1212 Service Meters - Replace Year 1 Of 5

Approx Quantity: 400 meters

Location: System 3 water system

Funded?: Yes.

History: 2019

Comments: As discussed with Client, plans to replace System 3 service meters in 2026 as shown. See components #1262-1265 for meters in System 5.

Useful Life: 20 years

Remaining Life:

0 years

Lower Estimate: \$ 129,000

Higher Estimate:

\$157,000

Cost Source: Inflated Rate Study Estimates

System 5 General Expenditures

Comp #: 1250 Distribution Mains, Sys 5 - Replace

Approx Quantity: 158,290 LF

Location: System 5 water system

Funded?: Yes.

History: 1967

Comments: As discussed with Client, after the Water Main/Hydrant replacement project currently planned through year 2037 is completed (components 599-620), funding will be set at annual amounts as shown here (timing here shown to start in year 2038). While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.

Useful Life: 1 years

Remaining Life: 12 years

Lower Estimate: \$ 630,000

Higher Estimate: \$770,000

Cost Source: Annual Budget as discussed with Client

Comp #: 1254 Isolation Valves - Replace

Approx Quantity: 255 Valves

Location: Throughout System 5 water system

Funded?: Yes.

History: ~1970

Comments: As discussed with Client, these valves have no history of being replaced as single comprehensive project and reality is replacements are occurring on an annual basis. While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.

Useful Life: 1 years

Remaining Life: 0 years

Lower Estimate: \$ 10,800

Higher Estimate: \$13,200

Cost Source: Annual Budget as discussed with Client

Comp #: 1255 Blow-Off Assemblies - Replace

Approx Quantity: 54 (54)

Location: Throughout System 5 water system

Funded?: Yes.

History: 1970

Comments: As discussed with Client, these blow-off assemblies have no history of being replaced as single comprehensive project and reality is replacements are occurring on an annual basis. While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.

Useful Life: 1 years

Remaining Life: 0 years

Lower Estimate: \$ 4,500

Higher Estimate: \$5,500

Cost Source: Annual Budget as discussed with Client

Comp #: 1256 Air-Vacuum Release Valves - Replace

Approx Quantity: 10 valves

Location: System 5 water system

Funded?: Yes.

History: 1970

Comments: As discussed with Client, these air-vacuum release valves have no history of being replaced as single comprehensive project and reality is replacements are occurring on an annual basis. While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.

Useful Life: 1 years

Remaining Life: 0 years

Lower Estimate: \$ 1,800

Higher Estimate: \$2,200

Cost Source: Annual Budget as discussed with Client

Comp #: 1257 PRV Vaults - Replace

Approx Quantity: 5 vaults

Location: System 5 water system

Funded?: Yes.

History: 1970

Comments: Remaining useful life remains at zero as not completed/planned; cost inflated from previous study.

Useful Life: 30 years

Remaining Life: 0 years

Lower Estimate: \$ 16,200

Higher Estimate: \$19,800

Cost Source: Inflated Rate Study Estimates

Comp #: 1258 Fire Hydrants - Replace**Approx Quantity: 40 hydrants****Location:** System 5 water system**Funded?:** Yes.**History:** 2008**Comments:** As discussed with Client, these fire hydrants have no history of being replaced as single comprehensive project and reality is replacements are occurring on an annual basis. While typically annual items would be considered an operating budget item, the nature of these replacements are capital/reserve project therefore we are including annual funding.**Useful Life:** 1 years**Remaining Life:** 0 years**Lower Estimate:** \$ 9,000**Higher Estimate:** \$11,000**Cost Source:** Annual Budget as discussed with Client**Comp #: 1260 Meter Setters - Replace****Approx Quantity: 1,591 (1591) meter setters****Location:** System 5 water system**Funded?:** Yes.**History:** 2009**Comments:** Adjusted based on client information; cost inflated.**Useful Life:** 35 years**Remaining Life:** 15 years**Lower Estimate:** \$ 509,000**Higher Estimate:** \$622,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1262 Service Meters - Year 2 of 5****Approx Quantity: 404 Meters****Location:** System 5 water system**Funded?:** Yes.**History:** Varies**Comments:** As discussed with Client, plans for service meter replacement project to begin in 2026 and run five years. The first year is meters in System 3 (#1212). The meters in System 5 here anticipated for years 2-5 as shown here and subsequent components.**Useful Life:** 20 years**Remaining Life:** 1 years**Lower Estimate:** \$ 130,000**Higher Estimate:** \$158,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1263 Service Meters - Year 3 of 5****Approx Quantity: 404 Meters****Location:** System 5 water system**Funded?:** Yes.**History:** Varies**Comments:** This is the third year of the water meter replacement project described in component #1262.**Useful Life:** 20 years**Remaining Life:** 2 years**Lower Estimate:** \$ 130,000**Higher Estimate:** \$158,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1264 Service Meters - Year 4 of 5****Approx Quantity: 404 Meters****Location:** System 5 water system**Funded?:** Yes.**History:** Varies**Comments:** This is the fourth year of the water meter replacement project described in component #1262.**Useful Life:** 20 years**Remaining Life:** 3 years**Lower Estimate:** \$ 130,000**Higher Estimate:** \$158,000**Cost Source:** Inflated Rate Study Estimates**Comp #: 1265 Service Meters - Year 5 of 5****Approx Quantity: 404 Meters****Location:** System 5 water system**Funded?:** Yes.**History:** Varies**Comments:** This is the fifth year of the water meter replacement project described in component #1262.**Useful Life:** 20 years**Remaining Life:** 4 years**Lower Estimate:** \$ 130,000**Higher Estimate:** \$158,000**Cost Source:** Inflated Rate Study Estimates

Vehicles/Equipment

Comp #: 790 Ditch Witch Vacuum (#683) - Replace

Approx Quantity: 1 Unit

Location: Shop area, within community

Funded?: Yes.

History: Purchased in 2018 (2012 model)

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 20 years

Remaining Life: 11 years

Lower Estimate: \$ 37,100

Higher Estimate: \$45,300

Cost Source: Budget Allowance

Comp #: 791 Utility Trailer, Olympic (#237) - Rplc

Approx Quantity: 2,011 2011 Model, 14,000 GVW

Location: Shop, on-site

Funded?: Yes.

History: Purchased in 2017 (used 2011 model)

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 20 years

Remaining Life: 11 years

Lower Estimate: \$ 6,960

Higher Estimate: \$8,500

Cost Source: Inflated Client Cost History/Client Provided Information

Comp #: 792 Generator - Replace

Approx Quantity: 1 portable generator

Location: Shop area, within community

Funded?: Yes.

History: Purchased in 1985

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 40 years

Remaining Life: 4 years

Lower Estimate: \$ 23,200

Higher Estimate: \$28,400

Cost Source: Budget Allowance

Comp #: 793 Ford F550 Utility Truck - Replace

Approx Quantity: 2,017 2017 Model with bucket

Location: Community

Funded?: Yes.

History: Purchased in 2024 (Used 2017 vehicle)

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 15 years

Remaining Life: 13 years

Lower Estimate: \$ 60,300

Higher Estimate: \$73,700

Cost Source: Client Cost History: US Fleet Services (\$60K in 2024+\$3950 transport)

Comp #: 794 Ford F-150 Truck (#39) - Replace

Approx Quantity: 2,012 2012 Model, 6,900 GVW

Location: Shop area, throughout community, etc.

Funded?: Yes.

History: Purchased in 2017 (Used 2012 vehicle)

Comments: Remaining useful life adjusted down and cost inflated from previous study.

Useful Life: 10 years

Remaining Life: 1 years

Lower Estimate: \$ 41,700

Higher Estimate: \$50,900

Cost Source: Budget Allowance

Comp #: 795 Ford F350 Flatbed Truck (#914) - Replace

Approx Quantity: 1,997 1997 model, 11,000 GVW

Location: Community

Funded?: Yes.

History: Purchased 2017 (Used 1997 vehicle)

Comments: Remaining useful life remains at zero as not completed/planned; cost inflated from previous study.

Useful Life: 10 years

Remaining Life: 0 years

Lower Estimate: \$ 55,600

Higher Estimate: \$68,000

Cost Source: Client Budget Allowance

General

Comp #: 630 SCADA & Telemetry Upgrades**Approx Quantity: 1 Main Hub/12 remote sites****Location:** Areas of water system**Funded?:** Yes.**History:** Upgrades/improvements in 2025 moving from wireless to fiber optic system.**Comments:** A major upgrade/improvements to the Supervisory Control and Data Acquisition (SCADA) system and associated telemetry used to manage the water system is being completed in 2025 with Gray & Osborne, Inc. providing engineering and Advanced Electrical Technologies doing the work. System is going from wireless to fiber optic system. Here is a summary of the system upgrades/improvements:

SCADA System HMI and PLC's
AET Project Management
Hardware
Installation
Software
Programming

Measurement Devices
Hardware
Installation

The total project cost is estimated at ~\$700K.

As discussed with Dominick Miller, engineer at Gray & Osborne, best to plan for similar upgrades/improvements as shown here.

Useful Life: 20 years**Remaining Life:**

19 years

Lower Estimate: \$ 630,000**Higher Estimate:**

\$770,000

Cost Source: Cost History: \$~700K in 2025**Comp #: 632 Security Trailer - Refurbish****Approx Quantity: 1 Mobile building****Location:** Shop building area**Funded?:** Yes.**History:** Installed 2019**Comments:** Client reports this structure is equally shared component between four departments: Security, Parks, Roads and Water. The cost here is 25% of the total based on the shared arrangement reported.**Useful Life:** 30 years**Remaining Life:**

23 years

Lower Estimate: \$ 9,270**Higher Estimate:**

\$11,300

Cost Source: Budget Allowance - 25% of total as shared component