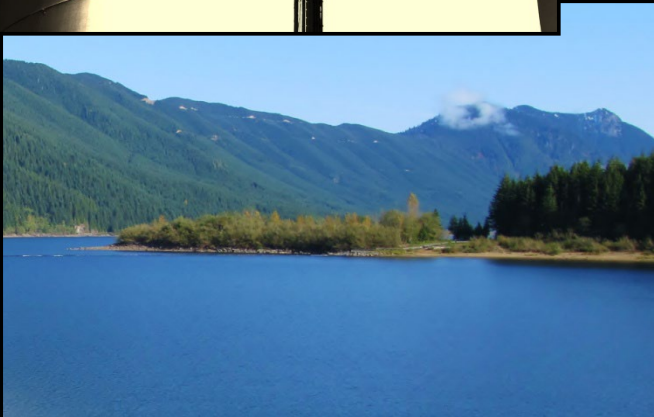
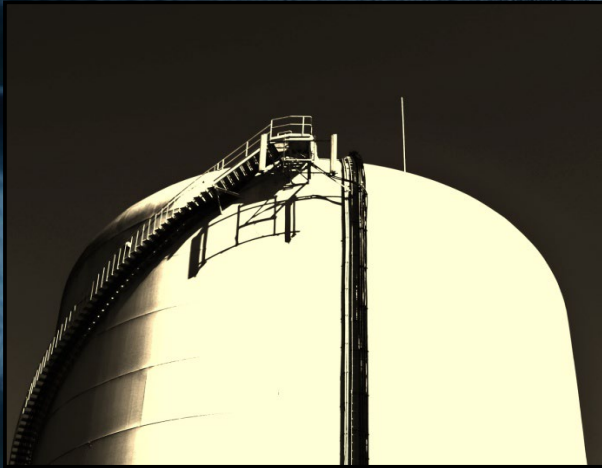


NORTH CITY Water District



2024 Budget

PO Box 55367 | 1519 NE 177th Street | Shoreline, WA 98155 | p. 206.362.8100 | f. 206.361.0629 | www.northcitywater.org

Table of Contents

	<i>Page</i>	
Transmittal Letter	3-4	
Budget at a Glance	5	<i>Tab</i>
<i>Budget at a Glance</i>	6	
Operating Costs	7	<i>Tab</i>
<i>2024 Summary of Operating Costs by Object and Function</i>	8	
<i>2024 Detail of Operating Cost by Object and Function</i>	9-12	
<i>Seattle Public Utilities</i>	13	
<i>Employee Costs</i>	14	<i>Tab</i>
<i>Salaries & Wages Matrix for 2024</i>	15	
<i>2024 Labor & Benefit Summary by Position</i>	16	
Capital Costs	17	<i>Tab</i>
<i>Capital Plan Summary</i>	18-19	
<i>Capital Plan Detail Sheets</i>	20-64	
<i>Vehicle Replacement Plan</i>	65	<i>Tab</i>
<i>2023-2032 Vehicle Replacement Plan</i>	66-67	
<i>Debt Service</i>	68	<i>Tab</i>
<i>Debt Service Schedules</i>	69	
Revenues	70	<i>Tab</i>
<i>Usage History and Forecast</i>	71	
<i>Revenue Requirement Increases for 2023</i>	72	
Rates	73	<i>Tab</i>
<i>Rate Table for 2024</i>	74	
<i>Bill Comparisons for 2024</i>	75	
Forecast	76	<i>Tab</i>
<i>2023-2050 Rate Increase and Cash Flow Forecast</i>	77	



1519 NE 177th St. • P.O. Box 55367 • Shoreline, WA 98155 • Phone: 206.362.8100 • Fax: 206.361.0629

November 28, 2023

Commissioners:

Ron Ricker

Charlotte Haines

Patricia Hale

District Manager:

Diane Pottinger, P.E.

Commissioners Ricker, Hale, and Haines -

Attached please find North City Water District's Proposed Budget for 2024. As we stated last year, we are continuing to practice updating our budget on an annual basis to allow us to more closely monitor the impacts of shifting usage patterns, inflation, and new development on our industry. Our 2024 budget will be the guide for our decision-making over the coming year. You will see that we were able to continue to operate effectively and efficiently as expected by our rate payers all while knowing that Seattle and the region is working on water conservation.

2023 ACHIEVEMENTS

The District accomplished the following items in 2023:

On-going accomplishments:

- (1) Continued to receive multiple calls and emails complimenting staff (both in the office and the field) on their exceptional customer service,
- (2) On-going cross training of staff,
- (3) On-going educational meetings with our legislators,
- (4) Continued working and meeting with Shoreline Fire District staff and elected officials,
- (5) Continued to proactively provide maintenance, upgrades, and replacement of District system components,
- (6) Continued to update the maintenance activities of the District's hydrant, valves, meters, and services,
- (7) Participated in the National AWWA Benchmarking survey,
- (8) Continued to educate our community about water supply in newsletters.

New or one-time accomplishments:

- (1) Hired and trained two new staff,
- (2) Completed the addition to the Maintenance Facility,
- (3) Awarded and made improvements to the security and alarm systems at multiple District facilities,
- (4) Designed two capital projects in the Sheraton Beach neighborhood to specifically to improve the redundancy, resiliency, and fire flow to that neighborhood. Both projects are expected to go out to bid in early 2024.
- (5) Designed and awarded three capital projects that will improve redundancy, resiliency, and fire flow in multiple portions of the District. Two of the projects have a second phase which are expected to be constructed in 2024.
- (6) Completed three additional capital projects.
- (7) Replaced the mxus for the meters that did not have the technology to participate in the Flexnet meter reading system and added a third base station at the Shoreline Fire Department Station No. 65.
- (8) Signed two Water System Extension Agreements (WSEAs) in 2023, closed four WSEAs and continue to work on six additional active WSEAs.
- (9) Continued contract negotiations with Seattle and the other wholesale purveyors to update our 60-year contract.
- (10) Began gathering information to meet EPA's New Lead and Copper Rule including both public and private service line information.

Excellence in water quality for over 90 years

www.northcitywater.org

In 2024, the District expects to:

On-going goals:

- (1) Continue with all that is shown above for 2023, and more, with the same excellent level of service.

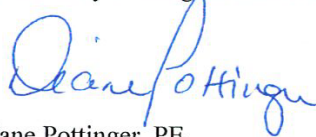
New or one-time goals:

- (1) Recruit and train an additional office staff person,
- (2) Update the District's Connection Charge,
- (3) Perform a cost-of-service rate study,
- (4) Track and report system efficiencies gained by the new Flexnet system,
- (5) Begin a multi-year process to update District's GIS system and reconcile the system components to the Fixed Asset schedule,
- (6) Complete the review and update of the District's easements. Identify and/or obtain if the District is missing any easements necessary to maintain the water system. Begin a multi-year inspection of easements.
- (7) Complete the seven capital projects that have been started and several new projects in 2024,
- (8) Successfully complete negotiate a new wholesale contract with SPU,
- (9) Update the District's Technical Specifications and Standard Details,
- (10) Complete Amendment #2 to the District's 2020 Water System Plan,
- (11) Streamline and improve the District's Water System Extension Agreement (WSEA)
- (12) Expand our public outreach efforts including hosting Savvy Gardener classes, and multiple community events,
- (9) Work with others regarding the Fircrest Campus potential redevelopment by signing both a Water System Extension Agreement and develop a multi-year agreement as to how and when the transfer of the public water system changes will transfer from Department of Social and Health Services to the District
- (10) Maintain and district hydrants to AWWA standards,

Impact to Rate Payers

Seattle Public Utilities (SPU) will not be increasing the wholesale water rates again in 2024. Rate increases from SPU over the next several years are yet unknown, which is the biggest reason the District only needs a 4% rate increase for 2024. The District has also had to prepare for two of the wireless carriers to cancel their leases. The District has the practice of raising rates modestly each year so that the needs of the rate payers can be met without affecting them adversely in any given year.

We are truly looking forward to another successful year in 2024.

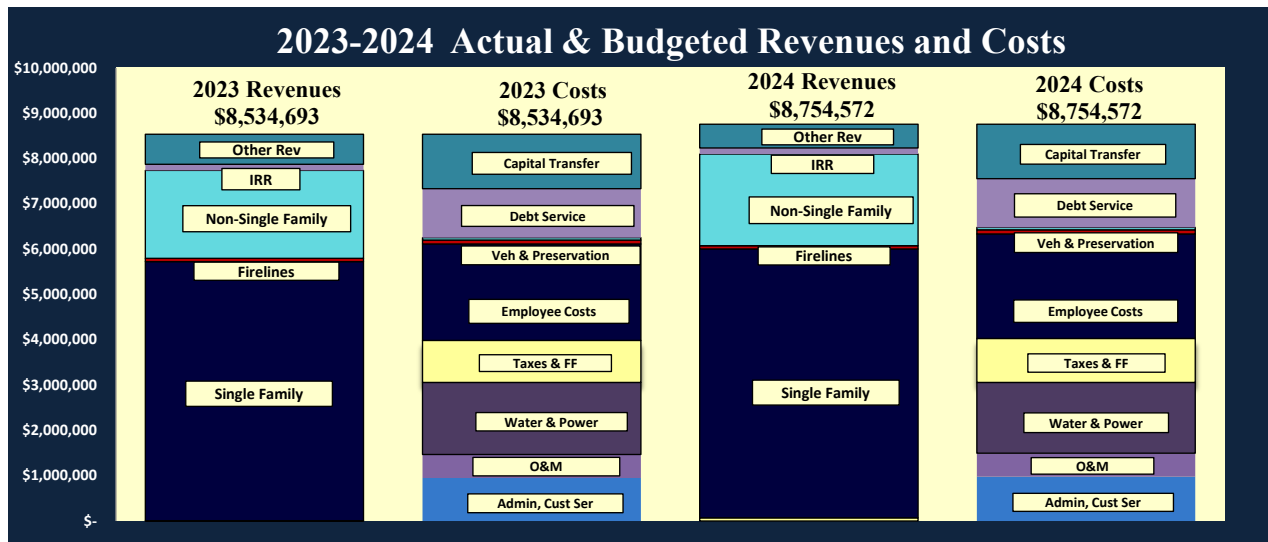


Diane Pottinger, PE
District Manager



Budget at a Glance

	Budget at a Glance					
	2024 Budget					
	2023 Budget	2023 YE Projected	2023 Bud - 2023 Actual	2024 Budget	2024 Bud - 2023 Actual	Percent Change
Revenue						
SERVICE REVENUE:						
SINGLE FAMILY	\$ 5,708,317	\$ 5,717,573	\$ 9,256	\$ 5,934,705	\$ 217,132	3.8%
NON-SINGLE FAMILY	1,880,317	1,944,976	64,659	2,022,775	77,799	4.0%
IRRIGATION	114,323	132,174	17,850	137,461	5,287	4.0%
FIRELINES	64,523	68,158	3,635	70,885	2,726	4.0%
TOTAL SERVICE REVENUE	7,767,481	7,862,881	95,400	8,165,825	302,944	3.85%
OTHER REVENUE	572,605	662,207	89,601	519,556	(142,651)	-21.5%
Total Revenue	8,340,086	8,525,087	185,002	8,685,380	160,293	1.9%
Net Use of Reserves		9,605	9,605	69,192	59,586	
Total Revenues	\$ 8,340,086	\$ 8,534,693	\$ 194,607	\$ 8,754,572	\$ 219,879	2.6%
Costs						
Operating Costs						
BUSINESS ADMINISTRATION	307,930	298,064	(9,866)	316,240	18,176	6.1%
PLANNING AND DEVELOPMENT	10,000	10,000	-	10,000	-	0.0%
PUBLIC AND REGIONAL OUTREACH	58,750	49,040	(9,710)	51,260	2,220	4.5%
OFFICE AND RECORDS MANAGEMENT	389,460	431,393	41,933	432,770	1,377	0.3%
CUSTOMER SERVICE AND BILLING	141,340	160,880	19,540	168,120	7,240	4.5%
PURCHASED WATER	1,523,740	1,556,365	32,625	1,523,740	(32,625)	-2.1%
PURCHASED POWER	37,450	36,298	(1,152)	37,930	1,632	4.5%
OPERATIONS AND MAINTENANCE	238,950	515,377	276,427	518,073	2,696	0.5%
TAXES AND FRANCHISE FEES	924,289	929,141	4,852	968,076	38,936	4.2%
PASS-THRU COSTS	1,580	1,446	(134)	1,446	-	0.0%
EMPLOYEE COSTS (Net Capitalization)	2,151,818	2,125,671	(26,147)	2,307,980	182,309	8.6%
Total Operating Costs	5,785,306	6,113,674	328,368	6,335,635	221,961	3.6%
Capital Costs						
DEBT SERVICE (Net of capitalization)	1,083,019	1,083,019	-	1,076,937	(6,081)	-0.6%
CAPITAL TRANSFERS	1,300,000	1,200,000	(100,000)	1,200,000	-	0.0%
VEHICLE REPLACEMENT TRANSFER	88,000	88,000	-	92,000	4,000	4.5%
Total Capital Costs	2,471,019	2,371,019	(100,000)	2,368,937	(2,081)	-0.1%
TRANSFER TO PRESERVATION ACCT	50,000	50,000	-	50,000	-	0.0%
Total Before Additions to Reserves	8,306,325	8,534,693	228,368	8,754,572	219,879	2.6%
Net Additions to Reserves	33,761	-	(33,761)	(0)	(0)	n/a
Total Costs	\$ 8,340,086	\$ 8,534,693	\$ 194,607	\$ 8,754,572	\$ 219,879	2.6%



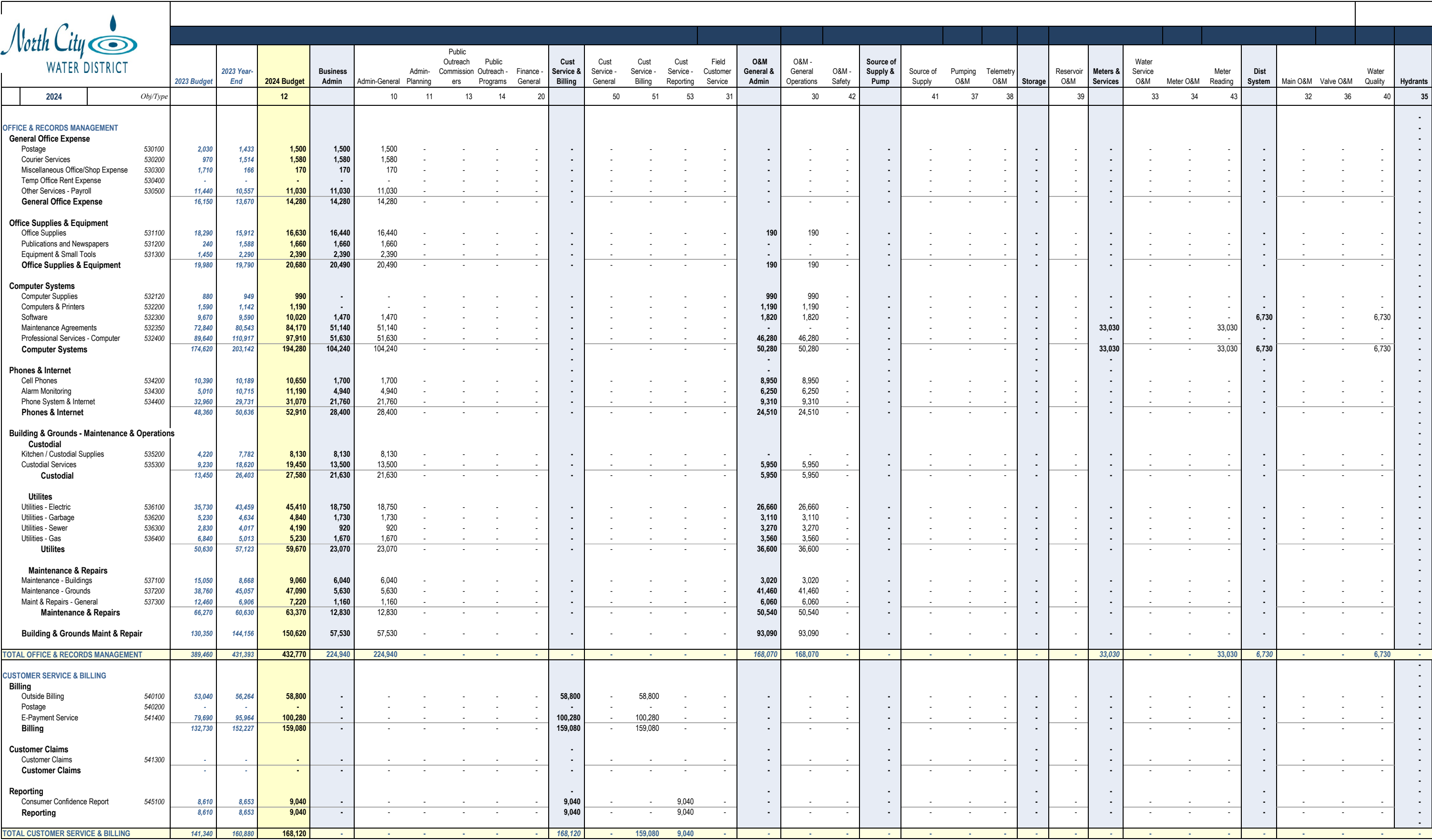


Operating Costs

	Operating Costs by Object (Type) and Function (Purpose)										
	2024 Budget Summary										
	2023 Budget	2023 Year- End	2024 Budget	Business Admin	Cust Service & Billing	O&M General & Admin	Source of Supply & Pump	Storage	Meters & Services	Dist System	Hydrants
BUSINESS ADMINISTRATION											
Legal Services	66,300	44,497	52,300	52,300	-	-	-	-	-	-	-
Financial Services	26,630	41,169	63,020	63,020	-	-	-	-	-	-	-
Insurance	186,010	184,731	193,040	191,900	-	1,140	-	-	-	-	-
Elections	19,220	20,000	-	-	-	-	-	-	-	-	-
Miscellaneous & Other	9,770	7,666	7,880	6,960	-	920	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION	307,930	298,064	316,240	314,180	-	2,060	-	-	-	-	-
PLANNING & DEVELOPMENT											
Professional Services	10,000	10,000	10,000	60,000	-	-	-	-	-	-	-
Other Planning & Development	-	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT	10,000	10,000	10,000	60,000	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH											
Regional Dues & Memberships	21,630	17,938	18,750	18,750	-	-	-	-	-	-	-
Newsletters/Website/Special Events	36,020	29,632	30,970	30,970	-	-	-	-	-	-	-
Other Public Outreach	1,100	1,470	1,540	1,540	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUTREACH	58,750	49,040	51,260	51,260	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT											
General Office Expense	16,150	13,670	14,280	14,280	-	-	-	-	-	-	-
Office Supplies & Equipment	19,980	19,790	20,680	20,490	-	190	-	-	-	-	-
Computer Systems	174,620	203,142	194,280	104,240	-	50,280	-	-	33,030	6,730	-
Phones & Internet	48,360	50,636	52,910	28,400	-	24,510	-	-	-	-	-
Custodial	13,450	26,403	27,580	21,630	-	5,950	-	-	-	-	-
Utilities	50,630	57,123	59,670	23,070	-	36,600	-	-	-	-	-
Maintenance & Repairs	66,270	60,630	63,370	12,830	-	50,540	-	-	-	-	-
Building & Grounds Maint & Repair	130,350	144,156	150,620	57,530	-	93,090	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGEMENT	389,460	431,393	432,770	224,940	-	168,070	-	-	33,030	6,730	-
CUSTOMER SERVICE & BILLING											
Billing	132,730	152,227	159,080	-	159,080	-	-	-	-	-	-
Customer Claims	-	-	-	-	-	-	-	-	-	-	-
Reporting	8,610	8,653	9,040	-	9,040	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BILLING	141,340	160,880	168,120	-	168,120	-	-	-	-	-	-
PURCHASED WATER & POWER											
Water	1,523,740	1,556,365	1,523,740	-	-	-	1,523,740	-	-	-	-
Power	37,450	36,298	37,930	-	-	-	37,930	-	-	-	-
TOTAL PURCHASED WATER & POWER	1,561,190	1,592,663	1,561,670	-	-	-	1,561,670	-	-	-	-
OPERATIONS & MAINTENANCE											
Professional & Other Outside Services	62,890	320,218	227,131	-	-	67,580	10,200	-	24,210	125,141	-
Supplies & Materials	87,300	79,471	86,048	-	-	20,950	7,980	3,000	28,770	22,090	3,258
Small Tools & Equipment	1,170	-	-	-	-	-	-	-	-	-	-
Telemetry	12,890	14,921	15,590	-	-	-	15,590	-	-	-	-
Field Vehicle Expense	35,090	55,651	58,160	-	-	58,160	-	-	-	-	-
Miscellaneous	39,610	45,115	47,155	-	-	38,170	-	-	5,250	3,735	-
TOTAL OPERATIONS & MAINTENANCE	238,950	515,377	434,084	-	-	184,860	33,770	3,000	58,230	150,966	3,258
TAXES & FRANCHISE FEES											
Taxes	484,620	484,072	505,860	490,910	-	14,950	-	-	-	-	-
Franchise fees	439,669	445,069	462,216	462,216	-	-	-	-	-	-	-
TOTAL TAXES & FRANCHISE FEES	924,289	929,141	968,076	953,126	-	14,950	-	-	-	-	-
TOTAL PASS-THRU COSTS	1,580	1,446	1,446	1,446	-	-	-	-	-	-	-
EMPLOYEE COSTS											
Travel & Training	40,000	35,094	36,690	18,330	-	18,360	-	-	-	-	-
Other Employee Costs	14,390	10,498	10,970	150	-	10,820	-	-	-	-	-
Direct Payroll Costs	1,614,052	1,602,505	1,735,897	597,343	335,500	429,308	70,567	1,654	80,330	54,809	12,621
Payroll Benefits	640,385	624,950	678,208	171,697	126,765	379,746	-	-	-	-	-
Payroll Allocations to Capital Projects	(157,009)	(147,376)	(153,785)	-	-	-	-	-	-	-	-
TOTAL EMPLOYEE COSTS	2,151,818	2,125,671	2,391,969	787,520	462,265	922,223	70,567	1,654	80,330	54,809	12,621
TOTAL OPERATING COSTS	5,785,306	6,113,674	6,335,635	2,392,473	630,385	1,292,163	1,666,007	4,654	171,589	212,505	15,879



North City WATER DISTRICT																																					
			2023 Budget	2023 Year-End	2024 Budget	Business Admin	Admin-General	Admin-Planning	Public Outreach Commission ers	Public Outreach - Programs	Finance - General	Cust Service & Billing	Cust Service - General	Cust Service - Billing	Cust Service - Reporting	Field Customer Service	O&M General & Admin	O&M - General Operations	O&M - Safety	Source of Supply & Pump	Source of Supply	Pumping O&M	Telemetry O&M	Storage	Reservoir O&M	Meters & Services	Water Service O&M	Meter O&M	Meter Reading	Dist System	Main O&M	Valve O&M	Water Quality	Hydrants			
	2024	Obj/Type			12		10	11	13	14	20		50	51	53	31		30	42		41	37	38		39		33	34	43		32	36	40	35			
BUSINESS ADMINISTRATION																																					
Legal Services																																					
	Prof Services - Legal - General	500100	18,540	5,349	7,590	7,590	7,590	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Prof Services - Legal - Meetings	500101	37,330	33,957	35,480	35,480	35,480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Prof Services - Legal - Interlocal/Region	500102	1,630	-	2,000	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Prof Services - Legal - Personnel	500103	1,800	192	2,000	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Prof Services - Legal - Public Records R	500104	7,000	5,000	5,230	5,230	5,230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Legal Services			66,300	44,497	52,300	52,300	52,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Financial Services																																					
	Prof Services-Financial	501100	-	-	20,000	20,000	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Audit Services	501500	26,630	41,169	43,020	43,020	43,020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Financial Services			26,630	41,169	63,020	63,020	63,020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Insurance																																					
	Insurance Premium	508100	185,250	183,639	191,900	191,900	191,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Insurance - Other	508200	1,640	1,092	1,140	-	-	-	-	-	-	-	-	-	-	-	1,140	1,140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Insurance - Claims	508300	(880)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Insurance			186,010	184,731	193,040	191,900	191,900	-	-	-	-	-	-	-	-	-	1,140	1,140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Elections																																					
	Elections	510100	19,220	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Elections			19,220	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Miscellaneous & Other																																					
	Miscellaneous	515100	60	7	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Manager Expense	516100	-	644	670	670	670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Commissioner's Expense	516200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Advertising Expense	517100	4,910	4,040	4,220	3,300	3,300	-	-	-	-	-	-	-	-	-	920	920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Rental Property Expense	518100	4,800	2,975	2,980	2,980	2,980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		518101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Miscellaneous & Other			9,770	7,666	7,880	6,960	6,960	-	-	-	-	-	-	-	-	-	920	920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL BUSINESS ADMINISTRATION			307,930	298,064	316,240	314,180	314,180	-	-	-	-	-	-	-	-	-	2,060	2,060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PLANNING & DEVELOPMENT																																					
Professional Services																																					
	Prof Services - Perservation Projects	520100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Prof Services - Boundary Review	520101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Prof Services - Amicas Brief	520200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Prof Services - Property	520300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Prof Services - Annexation	520400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Prof Services - Commissioners Handbo	520500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Prof Services - Code Book	520550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Prof Services - Unspecified Projects	520600	10,000	10,000	10,000	10,000	-	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Perservation Planning Reserve	520999	50,000	50,000	50,000	50,000	-	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Transfer to Perservation Reserve Acct		(50,000)	(50,000)	(50,000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Professional Services			10,000	10,000	10,000	60,000	-	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Other Planning & Development																																					
	Miscellaneous Planning & Dev	522100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Other Planning & Development			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL PLANNING & DEVELOPMENT			10,000	10,000	10,000	60,000	-	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PUBLIC & REGIONAL OUTREACH																																					
Regional Dues & Memberships																																					
	Dues/Membership/Cert.	523100	21,630	17,938	18,750	18,750	-	-	-	18,750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Other		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Regional Dues & Memberships			21,630	17,938	18,750	18,750	-	-	-	18,750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Newsletters/Website/Special Events																																					
	Newsletter Distribution & Other	524100	20,270	18,771	19,620	19,620	-	-	-	19,620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Newsletter Profesional Services	524101	6,210	3,785	3,960	3,960	-	-	-	3,960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Website - Other Costs	524200	-	1,217	1,270	1,270	-	-	-	1,270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Website Professional Services	524201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Special/Public Events	524300	9,540	5,859	6,120	6,120	-	-	-	6,120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Newsletters/Website/Special Events			36,020	29,632	30,970	30,970	-	-	-	30,970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Other Public Outreach																																					
	Other Professional Services	525100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Micellaneous Public Outreach	525200	1,100	1,470	1,540	1,540	-	-	-	1,540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Other Public Outreach			1,100	1,470	1,540	1,540	-	-	-	1,540	-	-	-	-	-	-	-	-																			



[illegible]



North City

WATER DISTRICT

			2023 Budget	2023 Year-End	2024 Budget	Business Admin	Public Outreach - Commission ers - Programs - Finance - General					Cust Service & Billing	Cust Service - General	Cust Service - Billing	Cust Service - Reporting	Field Customer Service	O&M General & Admin	O&M - General Operations	O&M - Safety	Source of Supply & Pump	Source of Supply	Pumping O&M	Telemetry O&M	Storage	Reservoir O&M	Meters & Services	Water Service O&M	Meter O&M	Meter Reading	Dist System	Main O&M	Valve O&M	Water Quality	Hydrants		
	2024	Obj/Type			12		Admin-General	Admin-Planning	Commission ers	Outreach - Programs	Finance - General		50	51	53	31		30	42		41	37	38		39		33	34	43		32	36	40	35		
EMPLOYEE COSTS																																				
Travel & Training																																				
Publications, Books, Manuals	580100		1,550	1,245	1,310	240	240	-	-	-	-	-	-	-	-	-	1,070	1,070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Training	580200		70	1,528	1,600	630	630	-	-	-	-	-	-	-	-	-	970	970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Travel	580300		17,750	15,327	16,020	8,220	8,220	-	-	-	-	-	-	-	-	-	7,800	7,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Per Diem	580400		3,660	5,568	5,820	2,320	2,320	-	-	-	-	-	-	-	-	-	3,500	3,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Per Diem	580401		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Registration	580500		16,970	11,427	11,940	6,920	6,920	-	-	-	-	-	-	-	-	-	5,020	5,020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Underexpenditure			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Travel & Training			40,000	35,094	36,690	18,330	18,330	-	-	-	-	-	-	-	-	-	18,360	18,360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Other Employee Costs																																				
Drug Testing	585100		740	514	540	-	-	-	-	-	-	-	-	-	-	-	540	540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Hearing Tests	585200		320	441	460	-	-	-	-	-	-	-	-	-	-	-	460	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Uniforms	585300		13,330	7,868	8,220	-	-	-	-	-	-	-	-	-	-	-	8,220	8,220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Other Employee Costs	585400		-	1,675	1,750	150	150	-	-	-	-	-	-	-	-	-	1,600	1,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Other Employee Costs			14,390	10,498	10,970	150	150	-	-	-	-	-	-	-	-	-	10,820	10,820	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Direct Payroll Costs																																				
Regular Pay	590100		1,236,305	1,195,015	1,313,987	538,523	299,020	-	36,551	4,044	198,908	282,807	235,049	-	-	47,758	284,355	261,083	23,272	67,886	30,289	27,829	9,768	1,654	1,654	78,554	16,111	42,631	19,811	47,950	7,821	39,998	132	12,258		
Regular Pay for Capital	590105		157,009	147,376	153,765	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Overtime Pay for Capital			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Holiday Pay	595110		73,172	73,007	79,858	16,716	8,265	-	-	-	8,451	16,469	16,469	-	-	-	46,673	46,673	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Sick Pay	595120		26,231	28,317	28,438	13,769	3,051	-	-	-	10,719	7,636	7,636	-	-	-	7,033	7,033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Vacation Pay	595130		74,441	108,669	103,875	22,662	10,951	-	-	-	11,711	20,025	20,025	-	-	-	61,189	61,189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
On-Call	590300		22,951	24,457	25,536	-	-	-	-	-	-	25,536	25,536	-	-	-	25,536	25,536	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Overtime	590700		23,943	25,665	30,438	5,672	-	-	-	5,672	-	8,564	2,336	-	-	6,227	4,522	4,522	-	2,682	1,167	685	829	-	-	1,776	1,367	-	409	6,859	6,664	195	-	363		
Direct Payroll Costs			1,614,052	1,602,505	1,735,897	597,343	321,287	-	36,551	9,716	229,788	335,500	281,514	-	-	53,986	429,308	406,035	23,272	70,567	31,456	28,514	10,597	1,654	1,654	80,330	17,478	42,631	20,220	54,809	14,485	40,193	132	12,621		
Payroll Benefits																																				
FICA	595100		94,042	99,074	104,450	26,495	12,155	-	2,309	-	12,031	15,678	15,678	-	-	-	62,277	62,277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Medicare	595200		23,341	24,132	25,345	6,659	3,182	-	538	-	2,938	4,207	4,207	-	-	-	14,479	14,479	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HCA/VESA (Medical Insurance)	595300		336,600	321,300	343,400	109,016	21,803	-	65,410	-	21,803	65,410	65,410	-	-	-	168,975	168,975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PERS	595400		142,921	136,580	159,402	23,586	23,586	-	-	-	-	32,508	32,508	-	-	-	103,308	103,308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Pension Expense Adj GASB 68	595401		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OPEB - Post Employment Benefit Expense	595405		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Industrial Insurance	595600		10,292	10,208	9,011	560	212	-	146	-	203	634	634	-	-	-	7,817	7,817	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Unemployment	595700		9,790	9,682	12,179	1,293	641	-	-	-	652	2,631	2,631	-	-	-	8,255	8,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WA Disability	595750		7,119	7,254	7,571	2,248	1,130	-	-	-	1,118	1,678	1,678	-	-	-	3,645	3,645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Clothing/Moving Allowance	595800		6,500	7,500	7,000	1,000	500	-	-	-	500	1,500	1,500	-	-	-	4,500	4,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cell Phone Allowance	595900		9,780	9,220	9,850	840	-	-	-	-	840	2,520	2,520	-	-	-	6,490	6,490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Payroll Benefits for Capital			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															



Water Purchased from Seattle Public Utilities (SPU)

2024 Budget

2022 Actual						
Month	Old Cons. Allowance	Total Cons.	Old Cons. Remaining	Old Cons. 193 & 194	New Cons. Remaining	New Cons. 193 & 194
January	61,134	56,496	56,496	3,060	-	-
February	84,437	38,903	38,903	10	-	-
March	76,583	53,132	53,132	5,899	-	-
April	64,987	50,617	50,617	6,601	-	-
May	75,759	50,520	45,246	-	5,274	8,235
June	105,157	54,631	-	-	54,631	8,989
July	135,512	76,422	-	-	76,422	8,290
August	208,555	97,896	-	-	97,896	8,374
September	65,399	86,261	10,864	-	75,397	8,062
October	79,523	65,156	65,156	8,012	-	-
November	74,845	54,195	54,195	9,168	-	-
December	74,029	56,959	56,959	12,288	-	-
TOTAL	1,105,920	741,188	431,568	45,038	309,620	41,950

Rates				Water Purchase Costs Projected for 2022				
New Rate: Remaining	New Rate: 193 & 194	New Cons.: Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total
\$ 1.67	\$ 0.07	\$ 1.58	\$ 0.07	\$ 94,563	\$ -	\$ 94,563		\$ 94,563
\$ 1.67	\$ 0.07	\$ -	\$ -	\$ 64,969	\$ -	\$ 64,969		\$ 64,969
\$ 1.67	\$ 0.07	\$ -	\$ -	\$ 89,143	\$ -	\$ 89,143		\$ 89,143
\$ 1.67	\$ 0.07	\$ -	\$ -	\$ 84,992	\$ -	\$ 84,992		\$ 84,992
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 75,561	\$ 13,761	\$ 89,322		\$ 89,322
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ -	\$ 137,207	\$ 137,207		\$ 137,207
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ -	\$ 191,635	\$ 191,635		\$ 191,635
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ -	\$ 245,326	\$ 245,326		\$ 245,326
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 18,142	\$ 189,058	\$ 207,200		\$ 207,200
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 109,371	\$ -	\$ 109,371		\$ 109,371
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 91,147	\$ -	\$ 91,147		\$ 91,147
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 95,982	\$ -	\$ 95,982		\$ 95,982
				\$ 723,871	\$ 776,987	\$ 1,500,858	\$ -	\$ 1,500,858

2023 Actual/Projected						
Month	Old Cons. Allowance	Total Cons.	Old Cons. Remaining	Old Cons. 193 & 194	New Cons. Remaining	New Cons. 193 & 194
January	61,134	58,842	58,842	15,870	-	-
February	84,437	49,351	49,351	6,074	-	-
March	76,583	56,747	56,747	9,022	-	-
April	64,987	54,662	54,662	6,601	-	-
May	75,759	65,839	51,437	-	14,402	7,453
June	105,157	70,931	-	-	70,931	5,316
July	135,512	82,574	-	-	82,574	13,661
August	208,555	83,958	-	-	83,958	12,494
September	65,399	71,921	9,920	-	62,001	9,191
October	79,523	65,156	65,156	8,012	-	-
November	74,845	54,195	54,195	9,168	-	-
December	74,029	56,959	56,959	12,288	-	-
TOTAL	1,105,920	771,135	457,269	67,035	313,866	48,115

Rates				Water Purchase Costs Projected for 2023				
New Rate: Remaining	New Rate: 193 & 194	New Cons.: Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 99,377	\$ -	\$ 99,377		\$ 99,377
\$ 1.67	\$ 0.07	\$ -	\$ -	\$ 82,841	\$ -	\$ 82,841		\$ 82,841
\$ 1.67	\$ 0.07	\$ -	\$ -	\$ 95,399	\$ -	\$ 95,399		\$ 95,399
\$ 1.67	\$ 0.07	\$ -	\$ -	\$ 91,748	\$ -	\$ 91,748		\$ 91,748
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 85,899	\$ 36,527	\$ 122,427		\$ 122,427
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ -	\$ 177,700	\$ 177,700		\$ 177,700
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ -	\$ 207,391	\$ 207,391		\$ 207,391
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ -	\$ 210,770	\$ 210,770		\$ 210,770
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 16,567	\$ 155,646	\$ 172,212		\$ 172,212
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 109,371	\$ -	\$ 109,371		\$ 109,371
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 91,147	\$ -	\$ 91,147		\$ 91,147
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 95,982	\$ -	\$ 95,982		\$ 95,982
				\$ 768,331	\$ 788,033	\$ 1,556,365	\$ -	\$ 1,556,365

2024 Budget						
Month	Old Cons. Allowance	Total Cons.	Old Cons. Remaining	Old Cons. 193 & 194	New Cons. Remaining	New Cons. 193 & 194
January	61,134	56,496	56,496	3,060	-	-
February	84,437	38,903	38,903	10	-	-
March	76,583	53,132	53,132	5,899	-	-
April	64,987	50,617	50,617	6,601	-	-
May	75,759	50,520	45,246	-	5,274	8,235
June	105,157	54,631	-	-	54,631	8,989
July	135,512	76,422	-	-	76,422	8,290
August	208,555	97,896	-	-	97,896	8,374
September	65,399	95,261	10,864	-	84,397	8,062
October	79,523	63,248	63,248	16,713	-	-
November	74,845	56,180	56,180	12,748	-	-
December	74,029	56,821	56,821	6,915	-	-
TOTAL	1,105,920	750,127	431,507	51,946	318,620	41,950

Rates				Water Purchase Costs Projected for 2024				
New Rate: Remaining	New Rate: 193 & 194	New Cons.: Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 94,563	\$ -	\$ 94,563		\$ 94,563
\$ 1.67	\$ 0.07	\$ -	\$ -	\$ 64,969	\$ -	\$ 64,969		\$ 64,969
\$ 1.67	\$ 0.07	\$ -	\$ -	\$ 89,143	\$ -	\$ 89,143		\$ 89,143
\$ 1.67	\$ 0.07	\$ -	\$ -	\$ 84,992	\$ -	\$ 84,992		\$ 84,992
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 75,561	\$ 13,761	\$ 89,322		\$ 89,322
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ -	\$ 137,207	\$ 137,207		\$ 137,207
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ -	\$ 191,635	\$ 191,635		\$ 191,635
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ -	\$ 245,326	\$ 245,326		\$ 245,326
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 18,142	\$ 211,558	\$ 229,700		\$ 229,700
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 106,794	\$ -	\$ 106,794		\$ 106,794
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 94,713	\$ -	\$ 94,713		\$ 94,713
\$ 1.67	\$ 0.07	\$ 2.50	\$ 0.07	\$ 95,375	\$ -	\$ 95,375		\$ 95,375
				\$ 724,253	\$ 799,487	\$ 1,523,740	\$ -	\$ 1,523,740



Employee Costs



2024 Salaries & Wages

2024 Budget

MANAGEMENT		Across the Board Increase	4.5%			
TITLE	Steps	Step 1	Step 2	Step 3	Step 4	Step 5
District Manager	5	\$ 172,365.16	\$ 180,983.42	\$ 190,032.59	\$ 199,534.22	\$ 209,510.93
Director of Finance	5	\$ 136,975.53	\$ 151,589.28	\$ 159,494.92	\$ 167,846.46	\$ 176,312.86
Director of Operations/Engineering	5	\$ 136,975.53	\$ 151,560.95	\$ 159,494.92	\$ 167,846.46	\$ 176,312.86
EXECUTIVE						
TITLE	Steps	Step 1	Step 2	Step 3	Step 4	
Executive Assistant rate per hour	4	\$ 86,541.89 \$ 41.6067	\$ 90,868.98 \$ 43.6870	\$ 95,651.56 \$ 45.9863	\$ 100,434.14 \$ 48.2856	
FINANCE						
TITLE	Steps	Step 1	Step 2	Step 3	Step 4	
Utility Office Supervisor rate per hour	4	\$ 105,455.84 \$ 50.6999	\$ 110,728.64 \$ 53.2349	\$ 116,265.07 \$ 55.8967	\$ 122,078.32 \$ 58.6915	
Utility Office Person III rate per hour	2	\$ 95,651.56 \$ 45.9863	\$ 100,434.14 \$ 48.2856			
Utility Office Person II rate per hour	2	\$ 86,541.89 \$ 41.6067	\$ 90,868.98 \$ 43.6870			
Utility Office Person I rate per hour	2	\$ 78,496.04 \$ 37.7385	\$ 82,420.84 \$ 39.6254			
OPERATIONS/ENGINEERING						
TITLE		Step 1	Step 2	Step 3		
Field Inspector/Project Manager rate per hour	3	\$ 130,690.50 \$ 62.8320	\$ 137,184.24 \$ 65.9540	\$ 144,002.67 \$ 69.2321		
Senior Field Inspector/GIS/Mapping rate per hour	3	\$ 110,975.71 \$ 53.3537	\$ 116,524.49 \$ 56.0214	\$ 122,350.72 \$ 58.8225		
Field Inspector/GIS/Mapping rate per hour	3	\$ 94,416.30 \$ 45.3924	\$ 99,137.11 \$ 47.6621	\$ 105,691.15 \$ 50.8131		
TITLE		YEAR 1	YEAR 2+			
Operations Lead rate per hour	2	\$ 113,885.63 \$ 54.7527	\$ 122,078.32 \$ 58.6915			
Utility Person V / Water Quality rate per hour	2	\$ 110,975.71 \$ 53.3537	\$ 116,524.49 \$ 56.0214			
Utility Person IV rate per hour	2	\$ 99,137.11 \$ 47.6621	\$ 105,691.15 \$ 50.8131			
Utility Person III rate per hour	2	\$ 87,666.38 \$ 42.1473	\$ 92,581.53 \$ 44.5103			
Utility Person II rate per hour	2	\$ 79,471.90 \$ 38.2076	\$ 84,388.84 \$ 40.5716			
Utility Person I rate per hour	2	\$ 71,772.18 \$ 34.5059	\$ 76,195.65 \$ 36.6325			
On-Call Pay - rate per week		\$ 501.1202				

North City WATER DISTRICT 2024 Budget				Direct Pay																Employer Paid Taxes and Benefits												Combined Salary and Benefits				
Labor and Benefits				Reg Hrs	Vac Hrs	Hol Hrs	Sick Hrs	Other	OT @ 1.5	OTW	2024 Total Hours	Vac CO Amount	Oncall	Vacation Pay	Holiday Pay	Sick Pay	Reg OT	OTW	Regular Pay	Gross Pay before Reimbursement s	Clothing	Phone	VEBA Allowance	ER PERS 2 Amt	ER PERS 3 Amt	Medicare	Soc Sec	L&I	PMFT	SUI Unemploy	2024 Total Benefits	2024 LABOR AND BENEFITS				
Commissioner				391.50	-	-	-	-	-	-	391.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,136	\$ 11,136	\$ -	\$ -	\$ 20,700	\$ -	\$ 161	\$ 690	\$ 50	\$ -	\$ -	\$ -	\$ 21,602	\$ 32,738		
Commissioner				373.50	-	-	-	-	-	-	373.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,624	\$ 10,624	\$ -	\$ -	\$ 20,700	\$ -	\$ 154	\$ 659	\$ 47	\$ -	\$ -	\$ -	\$ 21,560	\$ 32,184		
Commissioner				468.00	-	-	-	-	-	-	468.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,312	\$ 13,312	\$ -	\$ -	\$ 20,700	\$ -	\$ 193	\$ 825	\$ 60	\$ -	\$ -	\$ -	\$ 21,778	\$ 35,090		
District Manager				Prior Year	With COLA	With Step																														
Salary				\$ 200,489	\$ 209,511	\$ 209,511																														
Effective Hourly				\$ 96.39	\$ 100.73	\$ 100.7264																														
				1,856.00	80.00	80.00	48.00	16.00	-	-	2,080.00	\$ 8,864	\$ -	\$ 8,058	\$ 9,670	\$ 4,835	\$ -	\$ -	\$ -	\$ 186,948	\$ 218,375	\$ 500	\$ -	\$ 20,700	\$ -	\$ 19,966	\$ 3,166	\$ 10,347	\$ 236	\$ 959	\$ 1,288	\$ 57,163	\$ 275,538			
Executive Assistant				Prior Year	With COLA	With Step																														
Effective Salary				\$ 82,815	\$ 86,542	\$ 86,542																														
Hourly				\$ 39.8150	\$ 41.6067	\$ 41.6067																														
				1,164.00	48.00	56.00	20.00	16.00	-	-	1,304.00	\$ -	\$ -	\$ 1,997	\$ 2,996	\$ 832	\$ -	\$ -	\$ -	\$ 48,430	\$ 54,255	\$ 500	\$ 490	\$ 12,200	\$ 4,853	\$ -	\$ 787	\$ 3,394	\$ 148	\$ 228	\$ 409	\$ 23,009	\$ 77,264			
Director				Prior Year	With COLA	With Step																														
Effective Salary				\$ 168,720	\$ 176,312	\$ 176,312																														
Hourly				\$ 81.1154	\$ 84.7656	\$ 84.7656																														
				1,928.00	32.00	80.00	24.00	16.00	-	-	2,080.00	\$ -	\$ -	\$ 2,712	\$ 8,137	\$ 2,034	\$ -	\$ -	\$ -	\$ 163,428	\$ 176,312	\$ 500	\$ 840	\$ 20,700	\$ 16,803	\$ -	\$ 2,800	\$ 11,163	\$ 245	\$ 851	\$ 1,329	\$ 55,231	\$ 231,543			
Director of Operations				Prior Year	With COLA	With Step																														
Salary				\$ 168,720	\$ 176,313	\$ 176,313																														
Effective Hourly				\$ 81.1156	\$ 84.7658	\$ 84.7658																														
				1,872.00	72.00	80.00	24.00	32.00	-	-	2,080.00	\$ 7,459	\$ -	\$ 6,103	\$ 9,494	\$ 2,034	\$ -	\$ -	\$ -	\$ 158,682	\$ 183,772	\$ 500	\$ -	\$ 20,700	\$ 16,803	\$ -	\$ 2,651	\$ 11,335	\$ 471	\$ 810	\$ 1,247	\$ 54,515	\$ 238,287			
Utility Office Person I				Prior Year	With COLA	With Step																														
Effective Salary				\$ 78,872	\$ 82,421	\$ 82,421																														
Hourly				\$ 37.9190	\$ 39.6254	\$ 39.6254																														
				1,888.50	57.50	80.00	34.00	16.00	8.50	-	2,084.50	\$ -	\$ -	\$ 2,278	\$ 3,804	\$ 1,347	\$ 505	\$ -	\$ -	\$ 74,832	\$ 82,767	\$ 500	\$ 840	\$ 20,700	\$ 7,888	\$ -	\$ 1,200	\$ 5,153	\$ 276	\$ 368	\$ 610	\$ 37,536	\$ 120,303			
Utility Office Person II				Prior Year	With COLA	With Step																														
Effective Salary				\$ 87,008	\$ 90,923	\$ 90,923																														
Hourly				\$ 41.8306	\$ 43.7130	\$ 43.7130																														
				1,801.25	126.75	80.00	48.00	24.00	4.00	-	2,084.00	\$ -	\$ -	\$ 5,541	\$ 4,546	\$ 2,098	\$ 262	\$ -	\$ -	\$ 78,738	\$ 91,185	\$ 500	\$ 840	\$ 20,700	\$ 8,690	\$ -	\$ 1,322	\$ 5,653	\$ 230	\$ 403	\$ 676	\$ 39,014	\$ 130,200			
Utility Office Supervisor				Prior Year	With COLA	With Step																														
Effective Salary				\$ 116,821	\$ 122,078	\$ 122,078																														
Hourly				\$ 56.1642	\$ 58.6916	\$ 58.6916																														
				1,779.75	140.25	80.00	46.50	32.00	20.25	-	2,098.75	\$ -	\$ -	\$ 8,231	\$ 6,573	\$ 2,729	\$ 1,783	\$ -	\$ -	\$ 104,456	\$ 123,773	\$ 500	\$ 840	\$ 20,700	\$ -	\$ 11,796	\$ 1,795	\$ 7,674	\$ 229	\$ 546	\$ 917	\$ 44,996	\$ 168,769			
Inspector				Prior Year	With COLA	With Step																														
Salary				\$ 111,507	\$ 116,524	\$ 122,351																														
Effective Hourly				\$ 53.6090	\$ 56.0214	\$ 58.8224																														
				1,851.50	124.00	80.00	2.00	48.00	62.50	17.00	2,185.00	\$ 2,823	\$ 4,510	\$ 7,216	\$ 7,350	\$ 112	\$ 5,401	\$ 1,773	\$ 106,211	\$ 135,397	\$ 500	\$ 960	\$ 20,700	\$ 12,634	\$ -	\$ 1,963	\$ 8,395	\$ 1,231	\$ 597	\$ 1,004	\$ 47,984	\$ 183,381				
Operations Lead				Prior Year	With COLA	With Step																														
Effective Salary				\$ 116,821	\$ 122,078	\$ 122,078																														
Hourly				\$ 56.1642	\$ 58.6916	\$ 58.6915																														
				1,829.00	139.00	80.00	16.00	16.00	21.50	9.00	2,110.50	\$ 2,817	\$ 3,508	\$ 8,158	\$ 5,634	\$ 939	\$ 1,893	\$ 961	\$ 107,347	\$ 131,258	\$ 500	\$ 840	\$ 20,700	\$ 12,240	\$ -	\$ 1,898	\$ 8,116	\$ 1,185	\$ 579	\$ 972	\$ 47,031	\$ 178,289				
Utility Person I				With COLA	With Step																															
Effective Salary				\$ 68,681	\$ 71,772	\$ 75,361																														
Hourly				\$ 33.0199	\$ 34.5058	\$ 36.2311																														
				1,945.50	-	72.00	46.50	16.00	18.75	-	2,098.75	\$ -	\$ -	\$ -	\$ 1,698	\$ 1,035	\$ 972	\$ -	\$ -	\$ 67,961	\$ 71,666	\$ 500	\$ 840	\$ 20,700	\$ 6,830	\$ -	\$ 1,039	\$ 4,474	\$ 250	\$ 319	\$ 527	\$ 35,478	\$ 107,144			
Utility Person II				Prior Year	With COLA	With Step																														
Effective Salary				\$ 80,755	\$ 84,389	\$ 84,389																														
Hourly				\$ 38.8244	\$ 40.5715	\$ 40.5715																														
				1,244.00	212.00	80.00	40.00	16.00	8.00	-	1,600.00	\$ -	\$ 4,990	\$ 8,601	\$ 3,895	\$ 1,623	\$ 487	\$ -	\$ 50,471	\$ 70,066	\$ 500	\$ 840	\$ 20,700	\$ 6,677	\$ -	\$ 1,009	\$ 4,313	\$ 798	\$ 310	\$ 519	\$ 35,667	\$ 105,733				
Utility Person III				Prior Year	With COLA	With Step																														
Effective Salary				\$ 88,595	\$ 92,582	\$ 99,137																														
Hourly				\$ 42.5936	\$ 44.5102	\$ 47.6620																														
				1,834.00	108.00	80.00	34.00	24.00	31.00	23.50	2,134.50	\$ -	\$ 4,009	\$ 5,116	\$ 4,856	\$ 1,621	\$ 2,167	\$ 2,089	\$ 85,906	\$ 105,762	\$ 500	\$ 840	\$ 20,700	\$ 10,079	\$ -	\$ 1,534	\$ 6,557	\$ 1,204	\$ 467	\$ 784	\$ 42,665	\$ 148,427				
Water Quality Person				Prior Year	With COLA	With Step																														
Effective Salary				\$ 111,507	\$ 116,524	\$ 116,524																														
Hourly				\$ 53.6091	\$ 56.0215	\$ 56.0215																														
				1,806.00	89.50	80.00	85.50	16.00	53.50	32.50	2,163.00	\$ 2,689	\$ 4,009	\$ 5,014	\$ 5,378	\$ 4,790	\$ 4,496	\$ 3,342	\$ 101,175	\$ 130,892	\$ 500	\$ 840	\$ 20,700	\$ -	\$ 12,198	\$ 1,893	\$ 8,094	\$ 1,206	\$ 578	\$ 970	\$ 46,978	\$ 177,870				
Utility Person IV				With COLA	With Step																															
Effective Salary				\$ 111,507	\$ 116,525	\$ 116,525																														
Hourly				\$ 53.6091	\$ 56.0215	\$ 56.0215																														
				1,751.00	182.00	80.00	43.00	24.00	22.50	23.50	2,126.00	\$ -	\$ 4,510	\$ 10,196	\$ 5,826	\$ 2,409	\$ 1,891	\$ 2,416	\$ 98,094	\$ 125,342	\$ 500	\$ 840	\$ 20,700	\$ 11,945	\$ -	\$ 1,779	\$ 7,609	\$ 1,145	\$ 553	\$ 928	\$ 46,000	\$ 171,342				
Total Payroll and Benefit Costs for 2024				25,783.50	1,411.00	1,088.00	511.50	312.00	250.50	105.50	29,462.00	\$ 24,653	\$ 25,536	\$ 79,222	\$ 79,858	\$ 28,438	\$ 19,857	\$ 10,581	\$ 1,467,751	\$ 1,735,896	\$ 7,000	\$ 9,850	\$ 343,400	\$ 115,442	\$ 43,960	\$ 25,345	\$ 104,450	\$ 9,011	\$ 7,571	\$ 12,179	\$ 678,208	\$ 2,414,104				



Capital Costs

		Capital Plan Summary						
		2024-2034 - Forecast						
		2023	2024	2025	2026	2027	2028	2023-2028
SOURCES:								
	Capital Account Beginning Balance	\$ 7,760,801	\$ 7,352,970	\$ 4,316,087	\$ 5,123,013	\$ 4,297,288	\$ 4,237,223	\$ 7,760,801
	Transfers from the Maintenance Fund	1,200,000	1,200,000	1,300,000	1,400,000	1,400,000	1,600,000	8,100,000
	Interest Earnings	173,940	164,800	96,735	114,820	96,314	94,967	741,577
	Bond Proceeds	-	-	-	-	-	-	-
	Connection Fees	546,726	214,835	2,436,389	847,576	599,966	45,623	4,691,115
	TOTAL SOURCES	9,681,467	8,932,604	8,149,211	7,485,410	6,393,568	5,977,813	21,293,492
USES:								
1	2.0 MG Reservoir Improvements	14,375	-	-	-	26,537	-	40,912
2	Repl 8" wm @ 25th Ave West of Ballinger	37,077	-	-	-	-	-	37,077
3	Upgrade services at 18807 30th Ave NE	-	10,000	-	-	-	-	10,000
4	WM on 18th Ave & 168th Ave NE (1f)	506,853	-	-	-	-	-	506,853
5	Alarms & Cameras at four buildings	151,087	-	-	-	-	-	151,087
6	Repl water main on Beach Drive	197,862	1,512,806	-	-	-	-	1,710,668
7	114 -41st St to Beach Drive	121,423	306,308	-	-	-	-	427,732
8	6th Ave NE, NE 155th & 168th St WM	473,015	1,423,788	727,545	-	-	-	2,624,348
9	3rd Ave NE (Non-Motorized walkway) project	399,544	317,730	-	-	-	-	717,273
10	GIS Project	9,804	155,184	166,149	153,843	100,193	10,770	595,942
11	Communications	-	25,000	-	-	-	-	25,000
12	Telemetry	14,045	233,498	-	-	-	-	247,542
13	Misc Main Replacement	-	44,101	1,220,500	954,829	274,775	-	2,494,205
14	Emergency Response Plan	-	14,654	-	-	-	-	14,654
15	Admin Building - Long-Term Maint	-	113,117	14,826	-	-	-	127,943
16	ShakeAlert projects	-	48,187	-	-	-	-	48,187
17	Shunt trip breakers for BS 1 and 2	-	113,892	-	-	-	-	113,892
18	System-wide - R&R PRV Stations	-	-	91,437	95,027	98,759	-	285,223
19	Repl 2" w/ 4" wm on 182nd 25th Ave NE	-	-	80,655	178,452	-	-	259,107
20	129-Upgrade main at 19th & Ballinger Way	-	-	113,263	345,626	-	-	458,889
21	139-Replace 6" on NE 155th St & 27th Ave NE	-	-	366,024	1,015,142	-	-	1,381,166
22	Repl pax mixer in 3.7 MG reservoir	-	-	-	69,829	-	-	69,829
23	Vactor Truck	-	-	-	-	749,130	-	749,130
24	Asset Management	-	-	-	-	157,700	159,020	316,720
25	118-Install new suction line from Tolt	25,000	-	-	-	150,000	691,773	866,773
26	117-Install 8" main at NE 158th Street	-	-	-	-	50,000	166,134	216,134
27	119-Install new BS, piping & 1.5 MG res	-	-	-	-	-	-	-
28	Additional land	-	-	-	-	-	-	-
29	3.7 MG Reservoir Improvements	-	-	-	-	-	-	-
30	101-Install new 8" main to connect 590 Zone	-	-	-	-	-	-	-
31	102-Connect northern end of 25th Ave	-	-	-	-	-	-	-
32	103-Remove PRV-5	-	-	-	-	-	-	-
33	104-Install 8" water mains for looping	-	-	-	-	-	-	-
34	105a-Install new 8" main - 32rd/NE 158	-	-	-	-	-	-	-
35	105b-Install new 8" main - 33rd/NE 158	-	-	-	-	-	-	-
36	106-Relocate PRV-2	-	-	-	-	-	-	-
37	119a-New BS2	-	-	-	-	-	-	-
38	Meter Replacement	276,253	51,431	53,488	55,506	57,600	59,773	554,051
39	Service Replacement	9,191	64,942	67,540	69,954	72,455	75,046	359,128
40	Hydrant Replacement	-	36,979	38,458	39,918	41,433	43,005	199,793
41	Valve Replacement	3,581	22,841	23,754	24,705	25,693	26,721	127,295
42	Technology Additions & Replacement	28,560	14,250	23,350	12,575	19,225	8,450	106,410
43	Tools & Equipment	25,908	20,900	21,736	22,605	23,510	24,450	139,109
44	Engineering and Modeling Reports	-	86,909	17,472	150,113	-	-	254,494
45	Water System Plan	-	-	-	-	-	289,896	289,896
46	Additional Projects not shown above	34,920	-	-	-	309,337	293,854	638,111
	TOTAL USES	2,328,497	4,616,517	3,026,198	3,188,122	2,156,345	1,848,891	17,164,570
	ENDING BALANCE	\$7,352,970	\$4,316,087	\$5,123,013	\$4,297,288	\$4,237,223	\$4,128,922	\$4,128,922

		Capital Plan Summary							
		2024-2034 - Forecast							
		2029	2030	2031	2032	2033	2034	2029-2034	2023-2034
SOURCES:									
	Capital Account Beginning Balance	\$ 4,128,922	\$ 16,327,402	\$ 13,190,327	\$ 7,851,129	\$ 5,153,691	\$ 14,592,868	\$ 4,128,922	\$ 7,760,801
	Transfers from the Maintenance Fund	1,500,000	1,500,000	1,600,000	1,600,000	1,900,000	1,900,000	10,000,000	18,100,000
	Interest Earnings	92,540	365,941	295,630	295,630	115,508	327,065	1,492,315	2,233,891
	Bond Proceeds	16,000,000	-	-	-	13,000,000	-	29,000,000	29,000,000
	Connection Fees	45,623	921,524	45,623	50,185	50,185	50,185	1,163,326	5,854,441
	TOTAL SOURCES	21,767,085	19,114,867	15,131,580	9,796,945	20,219,385	16,870,119	45,784,563	62,949,133
USES:									
1	2.0 MG Reservoir Improvements	-	-	-	31,691	-	-	31,691	72,602
2	Repl 8" wm @ 25th Ave West of Ballinger	-	-	-	-	-	-	-	37,077
3	Upgrade services at 18807 30th Ave NE	-	-	-	-	-	-	-	10,000
4	WM on 18th Ave & 168th Ave NE (1f)	-	-	-	-	-	-	-	506,853
5	Alarms & Cameras at four buildings	-	-	-	-	301,142	-	301,142	452,229
6	Repl water main on Beach Drive	-	-	-	-	-	-	-	1,710,668
7	114 -41st St to Beach Drive	-	-	-	-	-	-	-	427,732
8	6th Ave NE, NE 155th & 168th St WM	-	-	-	-	-	-	-	2,624,348
9	3rd Ave NE (Non-Motorized walkway) project	-	-	-	-	-	-	-	717,273
10	GIS Project	9,933	6,959	7,238	7,527	7,828	8,141	47,626	643,568
11	Communications	-	-	-	-	-	-	-	25,000
12	Telemetry	-	-	-	-	-	334,782	334,782	582,324
13	Misc Main Replacement	291,675	303,278	315,342	327,886	340,930	354,493	1,933,604	4,427,809
14	Emergency Response Plan	-	-	-	-	-	-	-	14,654
15	Admin Building - Long-Term Maint	84,916	-	-	-	-	103,201	188,118	316,061
16	ShakeAlert projects	-	-	-	-	-	-	-	48,187
17	Shunt trip breakers for BS 1 and 2	-	-	-	-	-	-	-	113,892
18	System-wide - R&R PRV Stations	103,158	107,208	-	111,994	-	101,360	423,720	708,943
19	Repl 2" w/ 4" wm on 182nd 25th Ave NE	-	-	-	-	-	-	-	259,107
20	129-Upgrade main at 19th & Ballinger Way	-	-	-	-	-	-	-	458,889
21	139-Replace 6" on NE 155th St & 27th Ave NE	-	-	-	-	-	-	-	1,381,166
22	Repl pax mixer in 3.7 MG reservoir	-	-	44,631	-	-	-	44,631	114,459
23	Vactor Truck	-	-	-	-	947,889	-	947,889	1,697,019
24	Asset Management	90,193	-	-	-	-	-	90,193	406,913
25	118-Install new suction line from Tolt	2,701,291	-	-	-	-	-	2,701,291	3,568,064
26	117-Install 8" main at NE 158th Street	967,931	-	-	-	-	-	967,931	1,184,064
27	119-Install new BS, piping & 1.5 MG res	217,949	3,794,188	6,129,873	2,807,438	-	-	12,949,449	12,949,449
28	Additional land	-	893,230	-	-	-	-	893,230	893,230
29	3.7 MG Reservoir Improvements	-	-	-	306,742	2,113,183	-	2,419,925	2,419,925
30	101-Install new 8" main to connect 590 Zone	-	-	-	262,181	773,040	-	1,035,221	1,035,221
31	102-Connect northern end of 25th Ave	-	-	-	37,455	77,045	-	114,500	114,500
32	103-Remove PRV-5	-	-	-	31,026	-	-	31,026	31,026
33	104-Install 8" water mains for looping	-	-	-	-	-	132,258	132,258	132,258
34	105a-Install new 8" main - 32rd/NE 158	-	-	-	-	-	192,128	192,128	192,128
35	105b-Install new 8" main - 33rd/NE 158	-	-	-	-	-	62,210	62,210	62,210
36	106-Relocate PRV-2	-	-	-	-	-	162,709	162,709	162,709
37	119a-New BS2	-	-	-	-	148,214	1,298,702	1,446,916	1,446,916
38	Meter Replacement	62,029	64,370	66,800	69,322	71,939	74,656	409,115	963,166
39	Service Replacement	77,730	80,509	83,389	86,372	89,461	92,662	510,123	869,251
40	Hydrant Replacement	44,638	46,333	48,092	49,919	51,816	53,784	294,582	494,375
41	Valve Replacement	27,789	28,901	30,057	31,259	32,510	33,810	184,326	311,621
42	Technology Additions & Replacement	16,505	23,150	19,350	23,575	10,700	12,525	105,805	212,215
43	Tools & Equipment	25,428	26,445	27,503	28,603	29,747	30,937	168,664	307,773
44	Engineering and Modeling Reports	110,056	16,566	178,287	-	-	148,892	453,801	708,295
45	Water System Plan	266,756	-	-	-	-	-	266,756	556,652
46	Additional Projects not shown above	341,706	533,403	329,889	430,262	631,073	845,326	3,111,660	3,749,771
	TOTAL USES	5,439,683	5,924,540	7,280,451	4,643,254	5,626,516	4,042,577	32,957,021	50,121,591
	ENDING BALANCE	\$16,327,402	\$13,190,327	\$7,851,129	\$5,153,691	\$14,592,868	\$12,827,542	\$12,827,542	\$12,827,542



Capital Plan - Project

2024-2044 - Budget / Forecast

2.0 MG Reservoir Misc Capital Improvements

Status: Projected

Locations: 2.0 MG reservoir site

Funding Source: Rates

Permits: None

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Construction	14,375	-	-	-	5,993	-	-	-	-	7,291	-	-	\$ 5,993	\$ 7,291	\$ 506,142
Inspection	-	-	-	-	3,075	-	-	-	-	3,652	-	-	3,075	3,652	17,439
Crew time	-	-	-	-	15,374	-	-	-	-	18,260	-	-	15,374	18,260	89,932
Project management	-	-	-	-	2,094	-	-	-	-	2,488	-	-	2,094	2,488	13,498
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ 14,375	\$ -	\$ -	\$ -	\$ 26,537	\$ -	\$ -	\$ -	\$ -	\$ 31,691	\$ -	\$ -	\$ 26,537	\$ 31,691	\$ 682,011

Project description: Project was completed in 2023. Dive inspection is scheduled for every five years.

Rationale: Repair and replacement of infrastructure and equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code: 1-00-189880

Other project names: CIP 2021-01



Capital Plan - Project

2024-2044 - Budget / Forecast

Replace 8" water main on NE 25th Street

Status: Projected

Locations: 25 Ave NE from Forest Park Drive NE to Ballinger Way

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,000
Construction	37,077	-	-	-	-	-	-	-	-	-	-	-	-	-	354,807
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,179
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,016
Project management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	94
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ 37,077	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 395,096

Project description: Replace 300 feet of 8" water mains on 25th Ave NE between Forest Park Drive NE and Ballinger Way. Half street overlay and additional stripping to occur in 2023.

Rationale: Water main had previously been broken and had a temporary repair. This project replaced the water main which is now good for an additional 50+ years.

GL Code: 1-00-189881

Other project names: CIP 2021-02



Capital Plan - Project

2024-2044 - Budget / Forecast

Upgrade water services @ 18815 Ballinger Way

Status: Projected

Locations: 18815, 18901, 18807, 18737, 18731, 18578 Ballinger Way NE

Funding Source: Rates

Permits: ROW

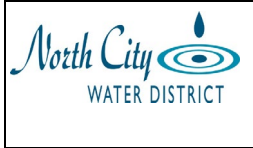
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97,446
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,310
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,922
Project management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,321
Legal & other	-	10,000	-	-	-	-	-	-	-	-	-	-	10,000	-	10,000
Total Costs	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ 163,999

Project description: Upgrade water services for 6 residences off Ballinger Way with long side services Final project close out to occur in 2024

Rationale: The 2" 1949 cast iron water main has had multiple breaks over the past several years and should be repaired.

GL Code: 1-00-189882

Other project names: CIP 2021-03



Capital Plan - Project

2024-2044 - Budget / Forecast

Install water main on 18th Ave NE and NE 168th St (Project 1f)

Status: Projected

Locations: 18th Ave NE between NE 168th and 169th Street, and NE 168th Street between existing system and 18th Ave NE

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design/Permitting	\$ 60,061	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,061	\$ -	\$ 96,061
Construction	434,631	-	-	-	-	-	-	-	-	-	-	-	434,631	-	434,631
Inspection	5,395	-	-	-	-	-	-	-	-	-	-	-	5,395	-	6,132
Crew time	2,698	-	-	-	-	-	-	-	-	-	-	-	2,698	-	2,698
Project management	4,069	-	-	-	-	-	-	-	-	-	-	-	4,069	-	4,069
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	\$ 506,853	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 506,853	\$ -	\$ 543,591

Project description: Install approximately 900 ft of 8" water main on 18th Ave NE between NE 165 and 168th Street and on NE 168th Street between 18 and 22 Ave NE for redundancy and to improve fire flow availability.

Rationale: This project was first identified in the District 2011 Water System Plan. The project has been expanded to improve water quality by extending the water main along NE 168th St. This will improve water quality throughout the entire water service area.

GL Code: 1-00-189888

Other project names: CIP 2022-02



Capital Plan - Project

2024-2044 - Budget / Forecast

New Cameras/Alarms at Administration Offices, Maintenance Facility and 3.7 MG Reservoir Site

Status: Projected

Locations: 1519 NE 177th St, 15555 15th Ave NE, 18012 15th Ave NE

Funding Source: Rates

Permits: None

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design/Installation	\$ 143,292	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 284,367	\$ -	\$ -	\$ 284,367	\$ 427,658
Inspection	674	-	-	-	-	-	-	-	-	-	1,890	-	-	1,890	2,564
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Project management	7,121	-	-	-	-	-	-	-	-	-	5,407	-	-	5,407	13,546
Legal & other	-	-	-	-	-	-	-	-	-	-	9,479	-	-	9,479	9,479
Total Costs	\$ 151,087	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 301,142	\$ -	\$ -	\$ 301,142	\$ 453,248

Project description: New cameras and alarm system were replaced for each of the district buildings

Rationale: Repair and replacement of infrastructure and equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code: 1-00-189891

Other project names: CIP 2023-01



Capital Plan - Project

2024-2044 - Budget / Forecast

Replace 100 ft of 8" water main at 16598 Beach Drive (McAleeer Creek Crossing) by boring

Status: Projected

Locations: 16598 & 16733 Beach Drive

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design/Permitting	\$ 190,753	\$ 292,486	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 292,486	\$ -	\$ 555,239
Construction	-	1,200,000	-	-	-	-	-	-	-	-	-	-	1,200,000	-	1,200,000
Inspection	2,023	11,040	-	-	-	-	-	-	-	-	-	-	11,040	-	14,155
Crew time	-	5,520	-	-	-	-	-	-	-	-	-	-	5,520	-	6,607
Project management	5,086	3,760	-	-	-	-	-	-	-	-	-	-	3,760	-	9,695
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	\$ 197,862	\$1,512,806	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,512,806	\$ -	\$1,785,696

Project description: Replace 350 feet of 8" water mains on Beach Drive NE. This water main goes under McAleeer Creek and the City of Lake Forest Park prefers a boring project under the creek.

Rationale: To improve the fire flow in the Sheraton Beach neighborhood.

GL Code: 1-00-189883

Other project names: CIP 2021-04



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 114 - 41st Ave to Beach Drive (Bothell Way Crossing)

Status: Projected

Location: SR 522/Bothell Way NE & NE 170th Street

Funding Source: Rates

Permits: ROW

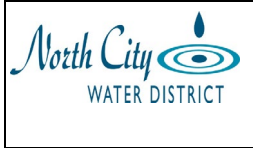
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ 118,825	\$ 41,132	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 159,958	\$ -	\$ 331,825
Construction	-	250,000	-	-	-	-	-	-	-	-	-	-	250,000	-	250,000
Inspection	337	5,520	-	-	-	-	-	-	-	-	-	-	5,857	-	6,194
Crew time	-	5,520	-	-	-	-	-	-	-	-	-	-	5,520	-	5,520
Project management	2,260	4,136	-	-	-	-	-	-	-	-	-	-	6,396	-	9,065
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ 121,423	\$ 306,308	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 427,732	\$ -	\$ 602,604

Project description: Install approximately 150 feet of 8" main from 41st Ave NW to Beach Drive.

Rationale: Improve the water movement, water quality and fire flow in an area that had previously had two dead ends.

GL Code: 1-00-189886

Other project names: CIP 2022-01



Capital Plan - Project

2024-2044 - Budget / Forecast

6th Ave NE, NE 155th and 168th Street

Status: Projected

Locations: on 5th Ave NE between NE 145th & 155th Street, along NE 155th between 8th and 15th Ave NE and along NE 168th Street between 23rd and 25th Ave NE

Funding Source: Rates

Permits: ROW

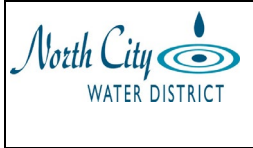
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design/Permitting	\$ 72,202	\$ 72,798	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82,798	\$ -	\$ 180,000
Construction	390,000	1,300,000	700,000	-	-	-	-	-	-	-	-	-	2,000,000	-	2,390,000
Inspection	5,395	37,950	10,764	-	-	-	-	-	-	-	-	-	48,714	-	54,109
Crew time	1,349	5,520	2,870	-	-	-	-	-	-	-	-	-	8,390	-	9,739
Project management	4,069	7,520	3,910	-	-	-	-	-	-	-	-	-	11,430	-	15,499
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ 473,015	\$ 1,423,788	\$ 727,545	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,151,333	\$ -	\$2,649,348

Project description: Replace 2700 ft of 6" watermain along 6th Ave NE with 12" mains, 2100 ft of 6" on NE 155th and 300 ft of 6" NE 168th St with 8" mains.

Rationale: The District anticipates seven different multi-family developments around the Shoreline South Transit station which will require significant additional fire flow in this area. The City of Shoreline also expects to declare a moratorium on cutting into the right of way on NE 145th to 148th Streets. Upsizing the District's water mains in this area now instead of during the moratorium will significantly reduce the cost to connect to the District's water system. The District looked at the hydraulic impacts of these seven developments in this area and have identified three areas that will require upsizing.

GL Code: 1-00-189889

Other project names: CIP 2022-03



Capital Plan - Project

2024-2044 - Budget / Forecast

3rd Ave NE water main installation and replacement

Status: Projected

Locations: North of Shoreline South Light Rail Station

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design/Permitting	\$ 135,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ 146,000
Construction	255,087	291,550	-	-	-	-	-	-	-	-	-	-	291,550	-	546,637
Inspection	4,046	6,900	-	-	-	-	-	-	-	-	-	-	6,900	-	10,946
Crew time	2,698	5,520	-	-	-	-	-	-	-	-	-	-	5,520	-	8,218
Project management	2,713	3,760	-	-	-	-	-	-	-	-	-	-	3,760	-	7,899
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ 399,544	\$ 317,730	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 317,730	\$ -	\$ 719,700

Project description: Install 400ft of 12" water main within newly established ROW from NE 149th to 151st Street (3rd Ave NE South). Replace 315' of 4" water main with 12" water main (3rd Ave NE North).

Rationale: Improve water movement, water quality and fire flow in the area adjacent to I5 and the Shoreline South Transit Station.

GL Code: 1-00-189890

Other project names: CIP 2022-04 3rd Ave NE North Phase Water Main Replacement



Capital Plan - Project

2024-2044 - Budget / Forecast

GIS/Mapping Update

Status: Ongoing

Locations: District wide

Funding Source: Rates

Permits: None

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Arials / Maps	\$ 2,735	\$ 2,664	\$ -	\$ -	\$ -	\$ -	\$ 3,241	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,399	\$ 3,241	\$ 8,640
ESRI software	5,000	5,500	5,720	5,949	6,187	6,434	6,692	6,959	7,238	7,527	7,828	8,141	28,356	42,678	79,890
Mapping/GIS Consultant	-	100,000	90,000	75,000	50,000	-	-	-	-	-	-	-	315,000	-	315,000
District labor	2,069	20,700	43,056	44,563	23,061	-	-	-	-	-	-	-	133,449	-	133,665
Project management / review	-	26,320	27,373	28,331	20,945	4,336	-	-	-	-	-	-	102,968	4,336	107,304
Total Costs	\$ 9,804	\$ 155,184	\$ 166,149	\$ 153,843	\$ 100,193	\$ 10,770	\$ 9,933	\$ 6,959	\$ 7,238	\$ 7,527	\$ 7,828	\$ 8,141	\$ 585,172	\$ 50,255	\$ 644,498

Project description: Purchase ESRI software. North City Water District staff will be updating asset locations as well as incorporating other past projects.

Rationale: North City Water District will update the GIS in-house over several years to more evenly distribute the project costs.

GL Code:

Other project names:



Permits: N/A



Capital Plan - Project

2024-2044 - Budget / Forecast

Telemetry Improvements and Upgrade

Status: Projected

Locations: Phase I - Upgrade Telemetry Software, Phase II MLT-17, MLT - 19

Funding Source: Rates

Permits: Phase I - none, Phase II - ROW

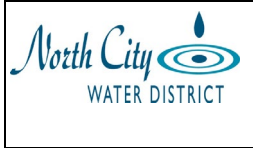
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ 14,045	\$ 13,319	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,716	\$ 13,319	\$ 19,716	\$ 76,265
Construction	-	199,792	-	-	-	-	-	-	-	-	-	295,741	199,792	295,741	933,303
Inspection	-	2,760	-	-	-	-	-	-	-	-	-	1,956	2,760	1,956	8,475
Crew time	-	8,280	-	-	-	-	-	-	-	-	-	3,912	8,280	3,912	17,710
Project management	-	6,016	-	-	-	-	-	-	-	-	-	8,527	6,016	8,527	26,572
Legal & other	-	3,330	-	-	-	-	-	-	-	-	-	4,929	3,330	4,929	15,555
Total Costs	\$ 14,045	\$ 233,498	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 334,782	\$ 233,498	\$ 334,782	\$1,077,879

Project description: Upgrade telemetry software and add telemetry to two emergency supply stations with Mountlake Terrace. Schedule software updates every 10 years thereafter.

Rationale: Telemetry software will require updating and connecting of all district assets.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Replace misc. water mains

Status: Projected

Locations: Various

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ 29,303	\$ 91,425	\$ 60,950	\$ 30,475	\$ -	\$ 35,651	\$ 37,077	\$ 38,561	\$ 40,103	\$ 41,707	\$ 43,375	\$ 212,154	\$ 236,475	\$ 470,629
Construction	-	-	1,092,000	864,381	224,739	-	243,078	252,801	262,913	273,429	284,367	295,741	2,181,120	1,612,329	4,111,179
Inspection	-	6,210	16,146	14,854	9,993	-	4,941	5,114	5,293	5,478	5,670	5,868	47,204	32,363	80,022
Crew time	-	2,760	8,611	5,942	3,075	-	3,294	3,409	3,528	3,652	3,780	3,912	20,388	21,575	48,979
Project management	-	5,828	12,318	8,702	6,493	-	4,712	4,877	5,047	5,224	5,407	5,596	33,340	30,862	64,296
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ 44,101	\$1,220,500	\$ 954,829	\$ 274,775	\$ -	\$ 291,675	\$ 303,278	\$ 315,342	\$ 327,886	\$ 340,930	\$ 354,493	\$2,494,205	\$1,933,604	\$4,775,104

Project description: Replace approximately 300 feet of 8" or smaller water mains annually in system based on maintenance records.

Rationale: The District is proactive on replacing water mains when leaks begin to occur in a segment of main. This project replaced the water main which is now good for an additional 50+ years.

GL Code:

Other project names: Projects will have individual names for each project and may vary in size depending on the project need.



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 2021-08 - Emergency Response Plan

Status: Projected

Location: Systemwide

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ -	\$ 31,000
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Inspection	-	690	-	-	-	-	-	-	-	-	-	-	690	-	690
Crew time	-	5,520	-	-	-	-	-	-	-	-	-	-	5,520	-	5,520
Project management	-	2,444	-	-	-	-	-	-	-	-	-	-	2,444	-	2,444
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ 14,654	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,654	\$ -	\$ 39,654

Project description: Lead District in table top exercise

Rationale: The District has make several improvements to our emergency response plan and would like to walk through a table top exercise.

GL Code: 1-00-189887

Other project names: CIP 2021-08



Capital Plan - Project

2024-2044 - Budget / Forecast

Ongoing Capital Maintenance of Administration Building

Status: Projected

Locations: 1519 NE 177th Street, Shoreline

Funding Source: Rates

Permits: N/A

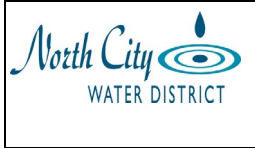
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				\$ -	\$ -	\$ -
Construction	-	106,597	10,000	-	-	-	81,026	-	-	-	-	98,580	116,597	179,606	562,065
Inspection	-	2,760	2,870	-	-	-	1,647	-	-	-	-	1,956	5,630	3,603	14,316
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Project management	-	3,760	1,955	-	-	-	2,244	-	-	-	-	2,665	5,715	4,908	17,547
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ 113,117	\$ 14,826	\$ -	\$ -	\$ -	\$ 84,916	\$ -	\$ -	\$ -	\$ -	\$ 103,201	\$ 127,943	\$ 188,118	\$ 593,928

Project description: Ongoing capital expenses related to the Admin building such as striping the parking lot, painting the building (schedule for painting every 10 years) and parking lot (sealer every 5 years) at the admin/NCDC pump station. The District will also look at the feasibility of doing an Solar Project for three of the District Properties. Also consider adding fencing, sign on front of building and computer screen drop down

Rationale: Ongoing and regular maintenance will extend the life of the District's property.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Shake Alert

Status: Projected

Locations: Misc

Funding Source: Rates

Permits: Pending Conditional Use Permit

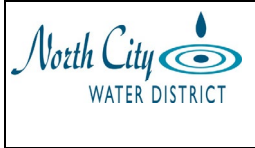
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2023-2027	2028-2033	Project Total
Design	\$ -	\$ 7,208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,208	\$ -	\$ 7,208
Construction	-	35,963	-	-	-	-	-	-	-	-	-	-	35,963	-	35,963
Inspection	-	1,380	-	-	-	-	-	-	-	-	-	-	1,380	-	1,380
Crew time	-	1,380	-	-	-	-	-	-	-	-	-	-	1,380	-	1,380
Project management	-	2,256	-	-	-	-	-	-	-	-	-	-	2,256	-	2,256
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ 48,187	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,187	\$ -	\$ 48,187

Project description: Install a monitoring system at the 3.7MG reservoir to asses the reservior before and after an earthquake.

Rationale: To have the ability to automatically compare the before and after data and be able to assess the health and capability of the asset.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Shunt Trip Breakers for Booster Stations 1 and 2

Status: Projected

Locations: Booster stations 1 and 2

Funding Source: Rates

Permits: ROW

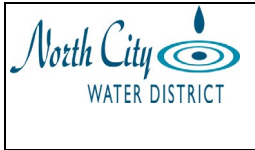
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	106,556	-	-	-	-	-	-	-	-	-	-	106,556	-	106,556
Inspection	-	1,380	-	-	-	-	-	-	-	-	-	-	1,380	-	1,380
Crew time	-	2,760	-	-	-	-	-	-	-	-	-	-	2,760	-	2,760
Project management	-	3,196	-	-	-	-	-	-	-	-	-	-	3,196	-	3,196
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ 113,892	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 113,892	\$ -	\$ 113,892

Project description: Booster 1 and 2 will both be connected to the ShakeAlert alarm network. These pumps will be stopped before the shaking arrives from an earthquake.

Rationale: The District wants to improve the potential for water service should our area experience a major earthquake.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

System-wide Rebuild/Replace PRV Stations

Status: Ongoing

Locations: Various

Funding Source: Rates

Permits: Not required unless vault is replaced, then ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Construction	\$ -	\$ -	\$ 78,000	\$ 81,120	\$ 84,365	\$ -	\$ 87,739	\$ 91,249	\$ -	\$ 94,899	\$ -	\$ -	\$ 243,485	\$ 273,887	\$ 517,372
Crew time	-	-	11,482	11,883	12,299	-	13,175	13,637	-	14,608	-	98,695	35,664	140,115	175,779
Project management	-	-	1,955	2,024	2,094	-	2,244	2,322	-	2,488	-	2,665	6,073	9,718	15,791
Total Costs	\$ -	\$ -	\$ 91,437	\$ 95,027	\$ 98,759	\$ -	\$ 103,158	\$ 107,208	\$ -	\$ 111,994	\$ -	\$ 101,360	\$ 285,223	\$ 423,720	\$ 708,943

Project description: This ongoing program consists of the rehabilitation or replacement of old and deteriorating pressure reducing valves (PRVs) throughout the service area. The number of pressure reducing valves that are rehabilitated is estimated to be 2 to 3 per year based on the annual program budget and the rehabilitation costs. Replacement criteria includes service requirements, safety, maintenance history, age and availability of replacement parts. In 2011, PRV 5 was rebuilt. In 2014, PRVs 7 and 9 were replaced. In 2016, PRV 1 was rebuilt. Five stations to be rebuilt over a five year period.

Rationale: North City Water District includes 13 PRVs that supply water throughout the District. During normal operation, they may sustain the water pressure to homes and businesses in service areas of similar elevation, known as pressure zones. When they sense a drop in system pressure, these valves open wide to provide additional water to fight fires or in response to their supply deficiencies. PRVs require rehabilitation or replacement every 25 years, as parts become obsolete and mechanical wear leads to unreliable performance. The PRVs have small vaults with difficult access. These vaults make the increased maintenance and repair work problematic; are too small to accommodate newer valves and fitting, and in some cases raise safety concerns for personnel. Permits may be required if the vaults are replaced.

GL Code: 2-00-189102, 1-00-189300

Other project names: CIP 2011-03, PRV 5 rebuild
CIP 2014-01, Rebuild PRV 7 and 9
CIP 2016-01, Rebuild PRV 1



Capital Plan - Project

2024-2044 - Budget / Forecast

Replace watermain in NE 182st St

Status: Projected

Locations: 18203 25th Ave NE, 2456, 2450, 2444, 2434, 2441 NE 182nd St

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ 69,261	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,261	\$ -	\$ 69,261
Construction	-	-	-	158,470	-	-	-	-	-	-	-	-	158,470	-	158,470
Inspection	-	-	1,435	7,427	-	-	-	-	-	-	-	-	8,862	-	8,862
Crew time	-	-	2,870	8,913	-	-	-	-	-	-	-	-	11,783	-	11,783
Project management	-	-	2,933	3,643	-	-	-	-	-	-	-	-	6,575	-	6,575
Legal & other	-	-	4,156	-	-	-	-	-	-	-	-	-	4,156	-	4,156
Total Costs	\$ -	\$ -	\$ 80,655	\$ 178,452	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 259,107	\$ -	\$ 259,107

Project description: Replace water main and services in NE 182nd St.

Rationale: The 360 feet of 2" 1949 cast iron water main was installed in 1949 and has had several leaks.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 129 - Replace existing 6" & 8" mains on 19th Ave NE & Ballinger Way NE

Status: Projected

Location:

Funding Source: Rates

Permits:

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ 97,065	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 112,065	\$ -	\$ 112,065
Construction	-	-	-	321,890	-	-	-	-	-	-	-	-	321,890	-	321,890
Inspection	-	-	-	2,971	-	-	-	-	-	-	-	-	2,971	-	2,971
Crew time	-	-	-	4,753	-	-	-	-	-	-	-	-	4,753	-	4,753
Project management	-	-	2,346	1,012	-	-	-	-	-	-	-	-	3,358	-	3,358
Legal & other	-	-	13,852	-	-	-	-	-	-	-	-	-	13,852	-	13,852
Total Costs	\$ -	\$ -	\$ 113,263	\$ 345,626	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 458,889	\$ -	\$ 458,889

Project description: Replace existing 6" & 8" mains with 12" mains on 19th Ave NE & Ballinger Way NE

Rationale: To meet fire flow velocity criteria. The District expects to complete this project prior to the City of Shoreline's 19th Ave NE project

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 139 - Replace 6" main at NE 155th Street & 27th Ave NE in 520 zone

Status: Projected

Location: NE 155th Street & 27 Ave NE

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ 325,528	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,528	\$ -	\$ 325,528
Construction	-	-	-	974,368	-	-	-	-	-	-	-	-	974,368	-	974,368
Inspection	-	-	-	20,796	-	-	-	-	-	-	-	-	20,796	-	20,796
Crew time	-	-	-	11,883	-	-	-	-	-	-	-	-	11,883	-	11,883
Project management	-	-	5,866	8,095	-	-	-	-	-	-	-	-	13,960	-	13,960
Legal & other	-	-	34,631	-	-	-	-	-	-	-	-	-	34,631	-	34,631
Total Costs	\$ -	\$ -	\$ 366,024	\$1,015,142	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,381,166	\$ -	\$1,381,166

Project description: Replace 6" main with 8" (355') and 12" (965') to meet 2,500 gpm fire flow

Rationale: To meet 2,500 gpm fire flow velocity criteria and complete project in conjunction with SPU doing a project in the same area.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Replace Pax Mixer in 3.7 MG Reservoir

Status: Projected

Locations: 18012 15th Ave NE

Funding Source: Rates

Permits: ROW

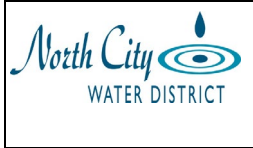
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Construction	\$ -	\$ -	\$ -	\$ 45,997	\$ -	\$ -	\$ -	\$ -	\$ 25,546	\$ -	\$ -	\$ -	\$ 45,997	\$ 25,546	\$ 86,646
Inspection				5,942					3,528				5,942	3,528	10,608
Crew time				14,854					14,114				14,854	14,114	33,519
Project management				3,035					1,442				3,035	1,442	5,044
Legal & other				-					-				0	0	0
Total Costs	\$ -	\$ -	\$ -	\$ 69,829	\$ -	\$ -	\$ -	\$ -	\$ 44,631	\$ -	\$ -	\$ -	\$ 69,829	\$ 44,631	\$135,817

Project description: Replace Pax Mixer in 3.7 MG Reservoir every 5 years and have the reservoirs inspected by a third party if the reservoirs are full. The painting of the reservoir will also be monitored to be able to more accurately schedule a future painting project. Expect to potentially repair a portion of failed paint by 2026. A future all reservoir painting project is prepared as a separate project.

Rationale: Pax Mixer helps maintain higher water quality coming out of the 3.7 MG Reservoir

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Vactor Truck Replacement

Status: Projected

Locations: Districtwide

Funding Source: Rates

Permits: N/A

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	-	-	-	-	749,130	-	-	-	-	-	947,889	-	749,130	947,889	2,944,375
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Project management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 749,130	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 947,889	\$ -	\$ 749,130	\$ 947,889	\$ 2,944,375

Project description: Replace District Vactor Truck every 7 years

Rationale:

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Asset Management

Status: Ongoing

Locations: District wide

Funding Source: Rates

Permits: None

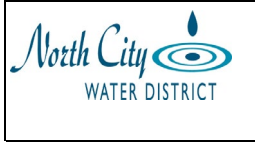
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Asset Management Software	\$ -	\$ -	-	-	20,000	20,000	20,000	-	-	-	-	\$ -	\$ 40,000	\$ 20,000	\$ 60,000
AM Consultant	-	-	-	-	100,000	100,000	50,000	-	-	-	-	-	200,000	50,000	250,000
District labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Project management / review	-	-	-	-	37,700	39,020	20,193	-	-	-	-	-	76,720	20,193	96,913
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 157,700	\$ 159,020	\$ 90,193	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 316,720	\$ 90,193	\$ 406,913

Project description: Purchase Asset Management software for for the District. Annual costs will depend on the version purchased. Initial outlay is to be in capital with ongoing costs included in Operations Budget

Rationale: North City Water District takes pride in reinvesting into its system. Once the District maps are updated, the District expects to have a consultant help get asset management identified.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 118 - Install 12" gravity discharge line from SPU Tolt water main to relocate Booster Station 1

Status: Projected

Location: NE 10th St/10th Ave NE & NE 158th St

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ 25,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 683,102	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 833,102	\$ -	\$ 858,102
Construction	-	-	-	-	-	-	2,523,206	-	-	-	-	-	-	2,523,206	2,523,206
Inspection	-	-	-	-	-	-	32,939	-	-	-	-	-	-	32,939	32,939
Crew time	-	-	-	-	-	-	26,351	-	-	-	-	-	-	26,351	26,351
Project management	-	-	-	-	-	8,671	13,462	-	-	-	-	-	8,671	13,462	22,133
Legal & other	-	-	-	-	-	-	105,334	-	-	-	-	-	-	105,334	105,334
Total Costs	\$ 25,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 691,773	\$ 2,701,291	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 841,773	\$2,701,291	\$3,568,064

Project description: Install 2900 ft of 12" discharge line from SPU/Tolt pipeline connection to relocated Booster Station 1. Pre-engineering report is completed early to capture knowledge of former Operations Manager.

Rationale: To relocate Booster Station 1 to an above ground location

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 117 - Install 8" main at NE 158th Street

Status: Projected

Location: NE 158th St

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 151,448	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 201,448	\$ -	\$ 201,448
Construction	-	-	-	-	-	-	899,524	-	-	-	-	-	-	899,524	899,524
Inspection	-	-	-	-	-	-	32,939	-	-	-	-	-	-	32,939	32,939
Crew time	-	-	-	-	-	-	19,763	-	-	-	-	-	-	19,763	19,763
Project management	-	-	-	-	-	4,336	15,705	-	-	-	-	-	4,336	15,705	20,041
Legal & other	-	-	-	-	-	10,350	-	-	-	-	-	-	10,350	-	10,350
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 166,134	\$ 967,931	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 216,134	\$ 967,931	\$1,184,064

Project description: Install 8" 590 Zone piping to connect dead-end.

Rationale: To mitigate fire flow velocity deficiencies created by zone separation. Should be done at same time as project 118 to tear up road only once.

GL Code:

Other project names:



Permits: Building

Page 46



Capital Plan - Project

2024-2044 - Budget / Forecast

Acquire Additional Land

Status: Projected

Locations: Misc

Funding Source: Rates

Permits: Pending Conditional Use Permit

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 884,803	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 884,803	\$ 884,803
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Project management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Legal & other	-	-	-	-	-	-	-	8,427	-	-	-	-	-	8,427	8,427
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 893,230	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 893,230	\$ 893,230

Project description: The District will be relocating both booster stations to above ground locations. One property was purchased for Booster Station #2 in 2020. A second piece of property is planned for to relocate Booster Station 1.

Rationale: The booster stations are located below grade within the right of way. Backup power options are not readily available in their current location.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

3.7 MG Reservoir Misc Capital Improvements

Status: Projected

Locations: 3.7 MG reservoir site

Funding Source: Rates

Permits: None

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2023-2027	2028-2033	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 291,658	\$ -	\$ -	\$ -	\$ 291,658	\$ 291,658
Construction	-	-	-	-	-	-	-	-	-	-	2,085,355	-	-	2,085,355	2,085,355
Inspection	-	-	-	-	-	-	-	-	-	-	18,899	-	-	18,899	18,899
Crew time	-	-	-	-	-	-	-	-	-	-	3,780	-	-	3,780	3,780
Project management	-	-	-	-	-	-	-	-	-	5,970	5,149	-	-	11,119	11,119
Legal & other	-	-	-	-	-	-	-	-	-	9,114	-	-	-	9,114	9,114
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 306,742	\$2,113,183	\$ -	\$ -	\$2,419,925	\$2,419,925

Project description: The 3.7 MG Reservoir was painted in 2014. It is expected to be repainted again in 2033.

Rationale: Repair and maintenance of infrastructure and equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 101 - Install 8" pipe to connect 590 Zone dead-end piping created by zone separation

Status: Projected

Locations: NE 160th St/15th & 28th Ave

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	#####	\$ -	\$ -	\$ -	\$ 248,092	\$ 248,092
Construction	-	-	-	-	-	-	-	-	-	-	714,207	-	-	714,207	714,207
Inspection	-	-	-	-	-	-	-	-	-	-	24,568	-	-	24,568	24,568
Crew time	-	-	-	-	-	-	-	-	-	-	22,679	-	-	22,679	22,679
Project management	-	-	-	-	-	-	-	-	-	4,975	11,586	-	-	16,561	16,561
Legal & other	-	-	-	-	-	-	-	-	-	9,114	-	-	-	9,114	9,114
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 262,181	\$ 773,040	\$ -	\$ -	\$1,035,221	\$1,035,221

Project description: Install 1000 lf of 8" water main NE 160th St/15th & 28th Ave connecting 590 Pressure Zone. This project is part of the creation of Pressure Zone 520.

Rationale: Several projects were identified as necessary to develop a new pressure zone which will improve the water quality movement throughout the District.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 102 - Connect northern end of 25th Avenue main to 520 Zone

Status: Projected

Locations: 18th Ave NE & Perkins Way

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,963	\$ -	\$ -	\$ -	\$ 35,963	\$ 35,963
Construction	-	-	-	-	-	-	-	-	-	-	70,208	-	-	70,208	70,208
Inspection	-	-	-	-	-	-	-	-	-	-	2,268	-	-	2,268	2,268
Crew time	-	-	-	-	-	-	-	-	-	-	3,024	-	-	3,024	3,024
Project management	-	-	-	-	-	-	-	-	-	1,493	1,545	-	-	3,037	3,037
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,455	\$ 77,045	\$ -	\$ -	\$ 114,500	\$ 114,500

Project description: Install 8" water main to connect 590 Zone dead-end piping created by zone separation. This project is part of the creation of Pressure Zone 520.

Rationale: Several projects were identified as necessary to develop a new pressure zone which will improve the water quality movement throughout the District.

GL Code:

Other project names:



Capital Plan - Project
2024-2044 - Budget / Forecast
CIP 103 - Remove PRV-5

Status: Projected

Location: NE 160th Steet between 33rd and 34th Ave NE

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,136	\$ -	\$ -	\$ -	\$ 6,136	\$ 6,136
Construction	-	-	-	-	-	-	-	-	-	26,114	-	-	-	26,114	26,114
Inspection	-	-	-	-	-	-	-	-	-	1,096	-	-	-	1,096	1,096
Crew time	-	-	-	-	-	-	-	-	-	1,826	-	-	-	1,826	1,826
Project management	-	-	-	-	-	-	-	-	-	1,990	-	-	-	1,990	1,990
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,026	\$ -	\$ -	\$ -	\$ 31,026	\$ 37,162

Project description: Remove PRV-5. This project is part of the creation of Pressure Zone 520.

Rationale: Several projects were identified as necessary to develop a new pressure zone which will improve the water quality movement throughout the District.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 104 - Install 8" water mains for looping

Status: Projected

Locations: NE 155th St between 30th and 32nd Ave, 32nd Ave NE @ NE 158th Street,
33rd Ave NE @ NE 158th Street

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,197	\$ -	\$ 125,197	\$ 125,197
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	335,191
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,098
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,478
Project management	-	-	-	-	-	-	-	-	-	-	-	2,132	-	2,132	4,890
Legal & other	-	-	-	-	-	-	-	-	-	-	-	4,929	-	4,929	4,929
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 132,258	\$ -	\$ 132,258	\$ 484,783

Project description: Install 400 feet of 8" water mains on NE 155th Street between 30th and 32nd Ave NE. **This project is part of the creation of Pressure Zone 520.**

Rationale: Several projects were identified as necessary to develop a new pressure zone which will improve the water quality movement throughout the District.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 105a - Install 8" water mains for looping

Status: Projected

Locations: 32nd Ave NE at NE 158th St

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 58,200	\$ -	\$ 58,200	\$ 58,200
Construction	-	-	-	-	-	-	-	-	-	-	-	131,264	-	131,264	267,778
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,239
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,859
Project management	-	-	-	-	-	-	-	-	-	-	-	2,665	-	-	1,103
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 192,128	\$ -	\$ 189,464	\$ 335,179

Project description: Install 100 feet of 8" water mains on 32nd Ave NE at NE 158th St. This project is part of the creation of Pressure Zone 520.

Rationale: Several projects were identified as necessary to develop a new pressure zone which will improve the water quality movement throughout the District.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 105b - Install 8" water mains for looping

Status: Projected

Locations: 33rd Ave NE at NE 158th St

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,599	\$ -	\$ 55,599	\$ 55,599
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	121,605
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,049
Crew time	-	-	-	-	-	-	-	-	-	-	-	2,347	-	-	2,429
Project management	-	-	-	-	-	-	-	-	-	-	-	4,264	-	-	2,206
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,210	\$ -	\$ 55,599	\$ 185,889

Project description: Install 80 feet of 8" water mains on 33rd Ave at NE 158th Street. This project is part of the creation of Pressure Zone 520.

Rationale: Several projects were identified as necessary to develop a new pressure zone which will improve the water quality movement throughout the District.

GL Code:

Other project names:



Capital Plan - Project
2024-2044 - Budget / Forecast
CIP 106 - Relocate PRV-2

Status: Projected

Locations: 25th and 28th Ave NE & NE 178th Street

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,039	\$ -	\$ 150,039	\$ 150,039
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	428,516
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,147
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,196
Project management	-	-	-	-	-	-	-	-	-	-	-	7,994	-	-	8,274
Legal & other	-	-	-	-	-	-	-	-	-	-	-	4,675	-	-	0
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 162,709	\$ -	\$ 150,039	\$ 615,172

Project description: Relocate PRV from 25th to 28th Ave NE and NE 178th Street to maintain 432 hydraulic grade line for piping loop. This project is part of the creation of Pressure Zone 520.

Rationale: Several projects were identified as necessary to develop a new pressure zone which will improve the water quality movement throughout the District.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

CIP 119a - Construct a new Booster Station 2

Status: Projected

Location: 18353 9th Ave NE

Funding Source: Rates

Permits: Building, electrical, plumbing

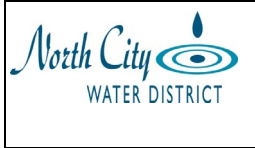
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 750,000	\$ -	\$ 850,000	\$ 2,979,313
Construction	-	-	-	-	-	-	-	-	-	-	-	500,000	-	500,000	3,495,846
Inspection	-	-	-	-	-	-	-	-	-	-	-	23,472	-	23,472	47,766
Crew time	-	-	-	-	-	-	-	-	-	-	-	3,912	-	3,912	20,108
Project management	-	-	-	-	-	-	-	-	-	-	10,299	21,318	-	31,616	48,164
Legal & other	-	-	-	-	-	-	-	-	-	-	37,916	-	-	37,916	37,916
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 148,214	\$1,298,702	\$ -	\$1,446,916	\$ 6,629,114

Project description: Install new BS-2 and associated yard piping. The property adjacent to the existing underground booster station was purchased to allow the new Booster Station to be above ground. Project will need to be coordinated with the existing underground booster station.

Rationale: New Booster Station 2 with redundant pumping, 2,000 gpm w/ approximately 600 Total Design Head capacity.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Annual Meter Replacement

Status: Projected

Locations: Various

Funding Source: Rates

Permits: ROW

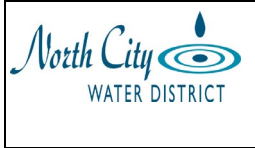
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Materials	\$ 276,253	\$ 27,971	\$ 29,090	\$ 30,253	\$ 31,463	\$ 32,722	\$ 34,031	\$ 35,392	\$ 36,808	\$ 38,280	\$ 39,811	\$ 41,404	\$ 151,500	\$ 225,726	\$1,409,202
District Labor	-	23,460	24,398	25,252	26,136	27,051	27,998	28,978	29,992	31,042	32,128	33,253	126,298	183,389	821,594
Total Costs	\$ 276,253	\$ 51,431	\$ 53,488	\$ 55,506	\$ 57,600	\$ 59,773	\$ 62,029	\$ 64,370	\$ 66,800	\$ 69,322	\$ 71,939	\$ 74,656	\$ 277,797	\$ 409,115	\$2,230,796

Project description: The replacement of smaller capital infrastructure, such as meters, services, and hydrants, equipment, and computers and software, is an on-going capital cost for the District. Maintenance projects that potentially i

Rationale: Repair and replacement of infrastructure and equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Service Replacement

Status: Projected

Locations: Various

Funding Source: Rates

Permits: ROW

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Materials	\$ 9,191	\$ 9,742	\$ 10,132	\$ 10,537	\$ 10,958	\$ 11,397	\$ 11,853	\$ 12,327	\$ 12,820	\$ 13,333	\$ 13,866	\$ 14,421	\$ 52,766	\$ 78,619	\$ 512,834
District Labor	-	55,200	57,408	59,417	61,497	63,649	65,877	68,183	70,569	73,039	75,595	78,241	297,171	431,504	1,737,097
Total Costs	\$ 9,191	\$ 64,942	\$ 67,540	\$ 69,954	\$ 72,455	\$ 75,046	\$ 77,730	\$ 80,509	\$ 83,389	\$ 86,372	\$ 89,461	\$ 92,662	\$ 349,938	\$ 510,123	\$2,249,931

Project description: The replacement of smaller capital infrastructure, such as meters, services, and hydrants, equipment, and computers and software, is an on-going capital cost for the District. Maintenance projects that potentially i

Rationale: Repair and replacement of infrastructure and equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Hydrant Replacement

Status: On-going

Locations: Various

Funding Source: Rates

Permits: Not required

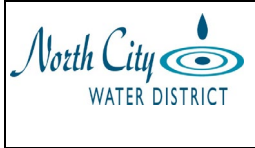
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Materials	\$ -	\$ 21,799	\$ 22,671	\$ 23,578	\$ 24,521	\$ 25,502	\$ 26,522	\$ 27,583	\$ 28,686	\$ 29,833	\$ 31,027	\$ 32,268	\$ 118,070	\$ 175,919	\$ 753,307
District Labor	-	15,180	15,787	16,340	16,912	17,504	18,116	18,750	19,406	20,086	20,789	21,516	81,722	118,664	466,887
Total Costs	\$ -	\$ 36,979	\$ 38,458	\$ 39,918	\$ 41,433	\$ 43,005	\$ 44,638	\$ 46,333	\$ 48,092	\$ 49,919	\$ 51,816	\$ 53,784	\$ 199,793	\$ 294,582	\$1,220,194

Project description: The replacement of smaller capital infrastructure, such as meters, services, and hydrants, equipment, and computers and software, is an on-going capital cost for the District. Maintenance projects that potentially in

Rationale: Repair and replacement of infrastructure and equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code: 1-00-176400

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Valve Replacement

Status: On-going

Locations: Various

Funding Source: Rates

Permits:

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Air Valves - Materials and Lab	\$ 3,581	\$ 19,015	\$ 19,776	\$ 20,567	\$ 21,389	\$ 22,245	\$ 23,135	\$ 24,060	\$ 25,022	\$ 26,023	\$ 27,064	\$ 28,147	\$ 102,991	\$ 153,452	\$ 633,289
Valves - Materials	-	3,826	3,979	4,138	4,304	4,476	4,655	4,841	5,035	5,236	5,445	5,663	20,722	30,875	128,319
Valves - District Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,815
Total Costs	\$ 3,581	\$ 22,841	\$ 23,754	\$ 24,705	\$ 25,693	\$ 26,721	\$ 27,789	\$ 28,901	\$ 30,057	\$ 31,259	\$ 32,510	\$ 33,810	\$ 123,713	\$ 184,326	\$ 773,424

Project description: The replacement of smaller capital infrastructure, such as meters, services, and hydrants, equipment, and computers and software, is an on-going capital cost for the District. Maintenance projects that potentially ir

Rationale: Repair and replacement of infrastructure and equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code: 1-00-176500

Other project names:



Capital Plan - Project
2024-2044 - Budget / Forecast
Technology Additions & Replacement

Status: On-going

Locations: Various

Funding Source: Rates

Permits: N/A

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Technology Add's & Replc.	28,560	14,250	23,350	12,575	19,225	8,450	16,505	23,150	19,350	\$ 23,575	\$ 10,700	\$ 12,525	\$ 77,850	\$ 105,805	\$ 578,326
Total Costs	\$ 28,560	\$ 14,250	\$ 23,350	\$ 12,575	\$ 19,225	\$ 8,450	\$ 16,505	\$ 23,150	\$ 19,350	\$ 23,575	\$ 10,700	\$ 12,525	\$ 77,850	\$ 105,805	\$ 578,326

Project description: The replacement of smaller capital infrastructure, such as meters, services, and hydrants, equipment, and computers and software, is an on-going capital cost for the District. Maintenance projects that potentially inc

Rationale: Repair and replacement of infrastructure and equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Tools and Equipment

Status: On-going

Locations: Various

Funding Source: Rates

Permits: N/A

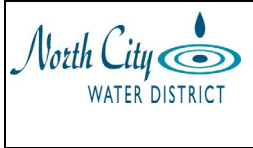
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Tools, Equipment and Furnitur	\$ 25,908	\$ 20,900	\$ 21,736	\$ 22,605	\$ 23,510	\$ 24,450	\$ 25,428	\$ 26,445	\$ 27,503	\$ 28,603	\$ 29,747	\$ 30,937	\$ 164,037	\$ 149,941	\$ 813,088
Total Costs	\$ 25,908	\$ 20,900	\$ 21,736	\$ 22,605	\$ 23,510	\$ 24,450	\$ 25,428	\$ 26,445	\$ 27,503	\$ 28,603	\$ 29,747	\$ 30,937	\$ 164,037	\$ 149,941	\$ 813,088

Project description: The replacement of smaller capital infrastructure, such as meters, services, and hydrants, equipment, and computers and software, is an on-going capital cost for the District. Maintenance projects that potentially increase the life of existing infrastructure are also classified as capital costs. Specific replacement projects include updating badlocks in gates, prv stations etc.

Rationale: Repair and replacement of infrastructure and equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code:

Other project names:



Capital Plan - Project

2024-2044 - Budget / Forecast

Misc. Engineering Reports and Upgrade Hydraulic Model

Status: Projected

Locations: District wide

Funding Source: Rates

Permits: N/A

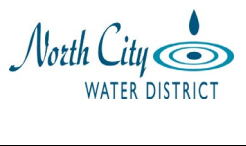
Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Report	\$ -	\$ 66,597	\$ -	\$ 142,018	\$ -	\$ -	\$ 85,815	\$ -	\$ 168,673	\$ -	\$ -	\$ 115,944	\$ 208,616	\$ 370,433	\$ 1,492,407
Crew time	-	8,280	5,741	-	-	-	9,882	1,705	-	-	-	14,427	14,021	26,013	77,232
Project management	-	12,032	11,731	8,095	-	-	14,359	14,862	9,614	-	-	18,520	31,858	57,355	202,780
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total Costs	\$ -	\$ 86,909	\$ 17,472	\$ 150,113	\$ -	\$ -	\$ 110,056	\$ 16,566	\$ 178,287	\$ -	\$ -	\$ 148,892	\$ 254,494	\$ 453,801	\$ 1,772,419

Project description: Upgrade Cross Connection Control Plan, Hazard Mitigation, WIFA Risk and Resiliency Plan, Emergency Response Plans

Rationale: The plans are required by the Department of Health, US EPA and/or are required should the District ever choose to go for state or federal funding.

GL Code: 1-00-189887

Other project names: Emergency Response Plan



Capital Plan - Project

2024-2044 - Budget / Forecast

Water System Plan & Conservation Plan

Status: Ongoing

Locations: District wide

Funding Source: Rates

Permits: None; DOH and King County approval required

Project Elements	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2024-2028	2029-2034	Project Total
Consulting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$1,656,142
Crew time	-	-	-	-	-	9,547	3,294	-	-	-	-	-	9,547	3,294	30,343
Project management / review	-	-	-	-	-	13,007	4,487	-	-	-	-	-	13,007	4,487	46,075
Management review	-	-	-	-	-	17,342	8,975	-	-	-	-	-	17,342	8,975	77,419
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20,000
Total Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 289,896	\$ 266,756	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 289,896	\$ 266,756	\$1,829,979

Project description: North City Water District's water system plan was adopted by the Board of Commissioners in 2020. The District made changes to the plan based on review comments and was approved by King County in December 2020.

Rationale: North City Water District supports the public health and safety, a healthy and sustainable environment and economy by providing a reliable source of safe, high-quality drinking water that meets all the District customers in an efficient and cost-effective manner.

GL Code: 1-00-239206

Other project names: 2020 Water System Plan, Amendment 1



Vehicle Replacement Plan

	Vehicle Replacement Plan									
	2024 Budget									
Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2023	2024	2025	2026	2027	2028	TOTAL
Unit # 25 2018 -Forklift	2020	30	2050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unit # 2 2010 F-150 P/U - Unit 28	2010	7	2022	-	-	-	-	-	-	-
Unit # 3 2010 F-150 P/U - Unit 26	2010	7	2020	-	-	-	-	45,000	-	45,000
Unit # 4 Rpl Unit 21 2015 F-150 PU	2000	7	2025	-	-	55,000	-	-	-	55,000
Unit # 5 GMC 10 Yard Dump	1997	20	2024	-	150,000	-	-	-	-	150,000
Unit # 8 2010 F-150 4x4	2012	7	2023	45,000	-	-	-	-	-	45,000
Unit # 15 Repl Unit 22 2015 F-150 PU	2001	7	2025	-	-	45,000	-	-	-	45,000
Unit # 17 2007 Interl 5 Yard Dump	2007	20	2027	-	-	-	-	110,000	-	110,000
Unit # 18 2013 F-350 Service Body - Box Tr	2013	10	2024	-	65,000	-	-	-	-	65,000
Unit # 19 2013 F-150 P/U	2013	7	2023	45,000	-	-	-	-	-	45,000
Unit # 20 F-550 Service Van	2013	15	2028	-	-	-	-	-	93,000	93,000
Unit 23 2015 Ford Explorer	2000	8	2026	-	-	-	60,000	-	-	60,000
Unit 24 2015 Ford Explorer	2015	8	2026	-	-	-	60,000	-	-	60,000
Unit Air Compressor	1991	8	2023	-	-	-	-	-	-	-
TR-1 Backhoe 1991	2003	30	2026	-	-	-	120,000	-	-	120,000
TR-2 Backhoe 2003	2021	30	2033	-	-	-	-	-	-	-
TOTAL				\$ 90,000	\$ 215,000	\$ 100,000	\$ 240,000	\$ 155,000	\$ 93,000	\$ 893,000
Vehicle Replacement Acct				2023	2024	2025	2026	2027	2028	Total
BEGINNING BALANCE				\$ 672,805	\$ 694,448	\$ 546,853	\$ 527,548	\$ 335,743	\$ 245,507	\$ 672,805
<u>Sources:</u>										
Net Interest Earnings				5,526	5,704	4,492	4,333	2,758	2,017	24,829
Revenue from Surplus Sales				20,000	25,469	12,438	30,748	20,454	12,640	121,750
Transfer from Operating Revenues				88,000	92,000	96,000	100,000	104,000	108,000	588,000
Total Sources				\$ 786,331	\$ 817,621	\$ 659,783	\$ 662,629	\$ 462,954	\$ 368,164	\$ 1,407,384
<u>Uses:</u>										
Unit # 25 2018 -Forklift				-	-	-	-	-	-	\$ -
Unit # 2 2010 F-150 P/U				-	-	-	-	-	-	-
Unit # 3 2010 F-150 P/U - Unit 26 2020 Ranger				-	-	-	-	(63,130)	-	(63,130)
Unit # 4 2000 Dodge P/U - Unit 21 2015 F-150 P/U				-	-	(72,730)	-	-	-	(72,730)
Unit # 5 GMC 10 Yard Dump				-	(188,908)	-	-	-	-	(188,908)
Unit # 8 2010 F-150 4x4				(45,942)	-	-	-	-	-	(45,942)
Unit # 15 2001 Chevy P/U - Unit 22 2015 F-150 P/U				-	-	(59,506)	-	-	-	(59,506)
Unit # 17 2007 International 5 Yard Dump				-	-	-	-	(154,318)	-	(154,318)
Unit # 18 2013 F-350 Service Body (Striker Truck)				-	(81,860)	-	-	-	-	(81,860)
Unit # 19 2013 F-150 P/U				(45,942)	-	-	-	-	-	(45,942)
Unit # 20 F-550 Service Van				-	-	-	-	-	(134,383)	(134,383)
2000 Durango - Unit 23 2015 Ford Explorer				-	-	-	(81,722)	-	-	(81,722)
District Manager Vehicle - Unit 24 2015 Ford Explorer				-	-	-	(81,722)	-	-	(81,722)
Unit Air Compressor				-	-	-	-	-	-	-
TR-1 Backhoe 1991				-	-	-	(163,443)	-	-	(163,443)
TR-2 Backhoe 2001				-	-	-	-	-	-	-
Total Uses				\$ (91,883)	\$ (270,768)	\$ (132,236)	\$ (326,886)	\$ (217,447)	\$ (134,383)	\$ (1,173,603)
ENDING BALANCE				\$ 694,448	\$ 546,853	\$ 527,548	\$ 335,743	\$ 245,507	\$ 233,781	\$ 233,781

Plan description: District Operations efficiently maintains and coordinate repairs all District-owned vehicles and equipment which support the District in providing essential services to the District customers. Managing these investments properly to meet their intended life-cycles at a sustainable cost, while reducing the risk of accidents and injuries due to poorly maintained equipment and vehicles, provides the key for our District. The main goal of this fund is to provide safe, reliable, appropriately equipped, readily available vehicles and equipment for daily operations, through cost-effective maintenance and allows the District to provide a healthy and sustainable environment and be prepared as a first responder.

Rationale: The District has a total of 15 vehicles and backhoes that must provide for safe, reliable, and available vehicles and equipment for first responders. District staff have identified a deferred and emergency repair fund to allow for the replacement of vehicles when it is no longer cost effective for the District to own and operate.

	Vehicle Replacement Plan									
	2024 Budget									
Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2029	2030	2031	2032	2033	2034	TOTAL
Unit # 25 2018 -Forklift	2020	30	2050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unit # 2 2010 F-150 P/U - Unit 28	2010	7	2022	45,000	-	-	-	-	-	45,000
Unit # 3 2010 F-150 P/U - Unit 26	2010	7	2020	-	-	-	-	-	45,000	45,000
Unit # 4 Rpl Unit 21 2015 F-150 PU	2000	7	2025	-	-	-	55,000	-	-	55,000
Unit # 5 GMC 10 Yard Dump	1997	20	2024	-	-	-	-	-	-	-
Unit # 8 2010 F-150 4x4	2012	7	2023	-	45,000	-	-	-	-	45,000
Unit # 15 Repl Unit 22 2015 F-150 PU	2001	7	2025	-	-	-	45,000	-	-	45,000
Unit # 17 2007 Interl 5 Yard Dump	2007	20	2027	-	-	-	-	-	-	-
Unit # 18 2013 F-350 Service Body - Box Tr	2013	10	2024	-	-	-	-	-	65,000	65,000
Unit # 19 2013 F-150 P/U	2013	7	2023	-	45,000	-	-	-	-	45,000
Unit # 20 F-550 Service Van	2013	15	2028	-	-	-	-	-	-	-
Unit 23 2015 Ford Explorer	2000	8	2026	-	-	-	-	-	60,000	60,000
Unit 24 2015 Ford Explorer	2015	8	2026	-	-	-	-	-	60,000	60,000
Unit Air Compressor	1991	8	2023	-	-	-	-	-	-	-
TR-1 Backhoe 1991	2003	30	2026	-	-	-	-	-	-	-
TR-2 Backhoe 2003	2021	30	2033	-	-	-	-	120,000	-	120,000
TOTAL				\$ 45,000	\$ 90,000	\$ -	\$ 100,000	\$ -	\$ 230,000	\$ 465,000
Vehicle Replacement Acct				2029	2030	2031	2032	2033	2034	Total
BEGINNING BALANCE				\$ 233,781	\$ 287,027	\$ 280,394	\$ 403,697	\$ 385,678	\$ 337,739	\$ 233,781
<u>Sources:</u>										
Net Interest Earnings				1,920	2,358	2,303	3,316	3,168	2,774	15,839
Revenue from Surplus Sales				6,300	12,978	-	15,298	18,908	37,328	90,811
Transfer from Operating Revenues				112,000	116,000	121,000	126,000	131,000	136,000	742,000
Total Sources				\$ 354,001	\$ 418,362	\$ 403,697	\$ 548,311	\$ 538,754	\$ 513,841	\$ 1,082,431
<u>Uses:</u>										
Unit # 25 2018 -Forklift				-	-	-	-	-	-	\$ -
Unit # 2 2010 F-150 P/U				(66,975)	-	-	-	-	-	(66,975)
Unit # 3 2010 F-150 P/U - Unit 26 2020 Ranger				-	-	-	-	-	(77,642)	(77,642)
Unit # 4 2000 Dodge P/U - Unit 21 2015 F-150 P/U				-	-	-	(89,448)	-	-	(89,448)
Unit # 5 GMC 10 Yard Dump				-	-	-	-	-	-	-
Unit # 8 2010 F-150 4x4				-	(68,984)	-	-	-	-	(68,984)
Unit # 15 2001 Chevy P/U - Unit 22 2015 F-150 P/U				-	-	-	(73,185)	-	-	(73,185)
Unit # 17 2007 International 5 Yard Dump				-	-	-	-	-	-	-
Unit # 18 2013 F-350 Service Body Box Truck				-	-	-	-	-	(112,149)	(112,149)
Unit # 19 2013 F-150 P/U				-	(68,984)	-	-	-	-	(68,984)
Unit # 20 F-550 Service Van				-	-	-	-	-	-	-
2000 Durango - Unit 23 2015 Ford Explorer				-	-	-	-	-	(103,522)	(103,522)
District Manager Vehicle - Unit 24 2015 Ford Explorer				-	-	-	-	-	(103,522)	(103,522)
Unit Air Compressor				-	-	-	-	-	-	-
TR-1 Backhoe 1991				-	-	-	-	-	-	-
TR-2 Backhoe 2001				-	-	-	-	(201,014)	-	(201,014)
Total Uses				\$ (66,975)	\$ (137,967)	\$ -	\$ (162,633)	\$ (201,014)	\$ (396,836)	\$ (965,425)
ENDING BALANCE				\$ 287,027	\$ 280,394	\$ 403,697	\$ 385,678	\$ 337,739	\$ 117,005	\$ 117,005

Plan description: District Operations efficiently maintains and coordinate repairs all District -owned vehicles and equipment which support the District in providing essential services to the District customers. Managing these investments properly to meet their intended life-cycles at a sustainable cost, while reducing the risk of accidents and injuries due to poorly maintained equipment and vehicles, provides the key for our District. The main goal of this fund is to provide safe, reliable, appropriately equipped, readily available vehicles and equipment for daily operations, through cost-effective maintenance and allows the District to provide a healthy and sustainable environment and be prepared as a first responder.

Rationale: The District has a total of 15 vehicles and backhoes that must provide for safe, reliable, and available vehicles and equipment for first responders. District staff have identified a deferred and emergency repair fund to allow for the replacement of vehicles when it is no longer cost effective for the District to own and operate.



Debt Service



Debt Service Schedule

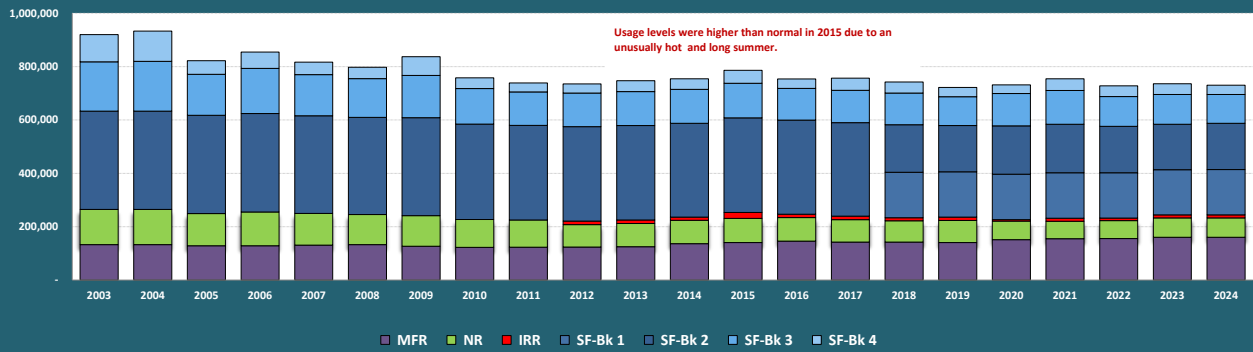
2024 - Budget

Year	2011 Revenue Bond \$9,865,000		PWTF Loan \$ 84,692	DWSRF Loan \$ 4,033,931	2016 Revenue Bond \$7,685,000		2021 Revenue Bond \$4,855,000		COMBINED	CAPITAL	NET
	Principal	Interest			Principal	Interest	Principal	Interest	DEBT SERVICE	INTEREST	SERVICE
2012	\$ 480,000	\$ 201,014	\$ 84,692						\$ 765,706		\$ 765,706
2013	510,000	256,448	83,536						849,984	(168,177)	681,807
2014	520,000	246,248	50,031						816,279	(147,739)	668,540
2015	525,000	235,848		65,952					826,800	(104,702)	722,097
2016	540,000	225,348		71,308		-			836,656	(155,784)	680,872
2017	555,000	214,548		373,007	-	256,167			1,398,721	(281,884)	1,116,837
2018	565,000	203,448		255,707	-	307,400			1,331,555	(200,000)	1,131,555
2019	580,000	192,148		255,559	-	307,400			1,335,107	(226,472)	1,108,634
2020	395,000	179,098		252,531	-	307,400			1,134,029	(365,000)	769,029
2021	405,000	126,917		249,503	-	307,400		32,321	1,121,141		1,121,141
2022	-	-		246,475	-	307,400	495,000	79,488	1,128,363		1,128,363
2023	-	-		243,447	-	307,400	455,000	77,172	1,083,019		1,083,019
2024	-	-		240,419	-	307,400	460,000	69,119	1,076,937		1,076,937
2025	-	-		237,391	-	307,400	470,000	60,977	1,075,767		1,075,767
2026	-	-		234,363	-	307,400	470,000	52,658	1,064,420		1,064,420
2027	-	-		231,335	-	307,400	480,000	44,339	1,063,073		1,063,073
2028	-	-		228,307	-	307,400	495,000	35,843	1,066,549		1,066,549
2029	-	-		225,279	-	307,400	500,000	27,081	1,059,760		1,059,760
2030	-	-		222,251	-	307,400	510,000	18,231	1,057,882		1,057,882
2031	-	-		219,223	-	307,400	520,000	9,204	1,055,827		1,055,827
2032				216,195	385,000	307,400			908,595		908,595
2033				213,167	400,000	292,000			905,167		905,167
2034				210,139	415,000	276,000			901,139		901,139
2035				180,180	430,000	259,400			869,580		869,580
2036				177,556	450,000	242,200			869,756		869,756
2037					465,000	224,200			689,200		689,200
2038					485,000	205,600			690,600		690,600
2039					505,000	186,200			691,200		691,200
2040					525,000	166,000			691,000		691,000
2041					545,000	145,000			690,000		690,000
2042					570,000	123,200			693,200		693,200
2043					590,000	100,400			690,400		690,400
2044					615,000	76,800			691,800		691,800
2045					640,000	52,200			692,200		692,200
2046					665,000	26,600			691,600		691,600
TOTAL	\$5,075,000	\$2,081,065	\$ 218,260	\$4,849,292	\$7,685,000	\$7,242,967	\$4,855,000	\$ 506,431	\$32,513,015	\$ (1,649,760)	\$30,863,255



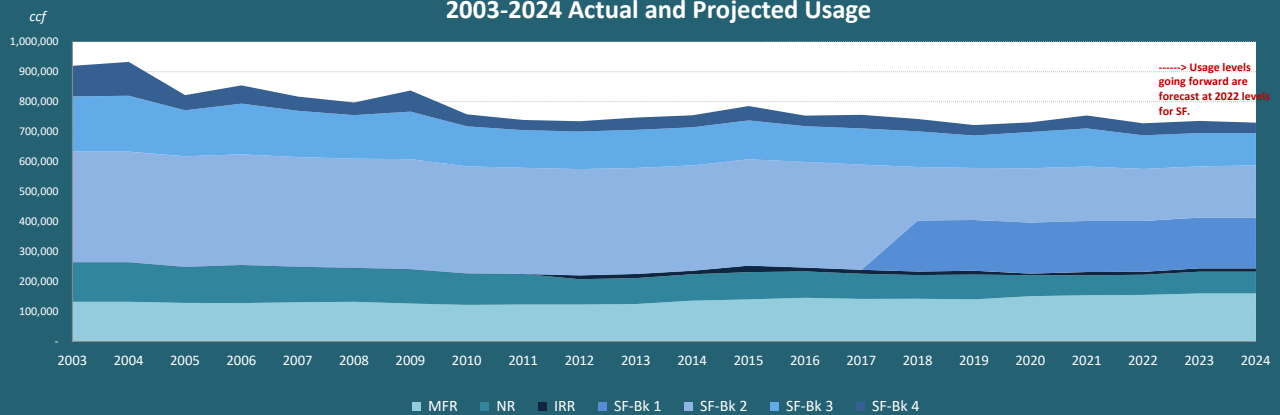
Revenues

2003-2024 Uaage



CLASS / BLOCKS	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
IRR				-	-	-	-	-	-	13,000	13,664	11,990	21,972	12,534	13,256	11,630	12,342	5,419	11,301	9,676	11,515	11,515
NR	131,817	131,817	120,507	126,919	118,429	112,958	114,875	104,599	102,056	84,361	86,765	87,732	90,741	88,183	84,111	79,422	83,212	70,110	65,760	67,183	72,696	72,696
MFR	132,773	132,773	128,656	128,546	131,322	132,711	126,857	122,364	123,387	123,648	125,007	136,546	140,688	146,060	142,194	142,572	140,472	151,186	154,774	155,681	160,222	160,222
SF-Bk 4	101,810	113,220	50,760	60,901	47,186	42,603	70,507	39,733	33,782	34,190	41,167	39,981	48,437	35,461	45,453	41,288	34,900	32,456	43,457	40,006	40,512	34,900
SF-Bk 3	184,691	186,385	153,380	169,441	154,214	145,237	158,414	133,506	125,525	125,639	127,160	126,935	129,433	119,142	120,951	119,125	108,194	120,926	126,955	112,019	111,257	108,194
SF-Bk 2	368,741	368,741	368,741	368,824	365,916	364,210	366,723	357,603	354,337	354,277	353,647	351,482	354,780	352,564	350,686	178,046	173,439	181,338	181,494	173,752	170,863	173,439
SF-Bk 1																170,408	169,548	170,087	170,518	169,691	168,978	169,548
TOTAL	919,832	932,937	822,044	854,631	817,067	797,719	837,376	757,805	739,087	735,115	747,410	754,666	786,051	753,944	756,651	742,491	722,107	731,522	754,259	728,008	736,043	730,514

2003-2024 Actual and Projected Usage



Both of the graphs shown above show the actual water usage by class, and by block within the Single Family class, from 2003 through 2023. After 2023, the usage is projected to remain at approximately the 2019 levels of usage. The lower block graph is shown as a way to depict the trending in water usage more clearly. It shows that water usage was trending down from 2003 through 2010 and then remained fairly flat until 2015 when there was an unusually hot summer. It is generally understood that the downward trend prior to 2010 is a result of efforts made by utilities to educate users about the benefits of conserving water. Usage remained somewhat flat in 2016 through 2018 but was lower again in 2019 due to a cooler summer. To be conservative, the 2019 usage for SFR was used for 2020 through 2023 usage forecasts but it came in higher. Since the Seattle region is in a drought, usage forecasts will remain at the 2019 levels in anticipation that customers will curtail usage until the drought is over.

	Revenue Requirement Increases
	2024 - Budget
Projected Costs (Needs/Uses): Purchased Water and Power Employee Costs (net capitalization) Administration and O&M Taxes and Franchise Fees Debt Service (principal and Interest) Capital Transfer Vehicle Replacement Contribution Transfer to Preservation Account Total Projected Costs (Needs/Uses) Less Other Revenue (<i>Interest, Late Fees, Antenna Rents, Hookup Fees</i>) Additions to (Use of) Reserves	2024 \$ 1,523,740 2,307,980 1,535,839 968,076 1,076,937 1,200,000 92,000 <u>50,000</u> \$ 8,754,572 (519,556) (69,192)
Rate Revenues Required (Revenue Req)	\$ 8,165,825
Less Revenues at Existing Rates	(7,851,755)
Revenue Short Fall	\$ 314,070
% Rate Revenue Increase Needed	4.00%



Rates

North City WATER DISTRICT				Water Rates & Charges				
2024 RATES								
Meter Size		Meter Rate		Usage Rates				ERU Rate
Rate Code	Single Family Residential or Open Air Condominium			Usage	Usage	Usage	Usage	ERU
	BI-MONTHLY			0 - 4 CCF	5 - 10 CCF	11 t- 24 CCF	25 and > CCF	BI-MONTHLY
158	5/8 / 3/4	\$	57.90	\$ 2.86	\$ 4.49	\$ 6.13	\$ 7.76	\$ 10.45
101	1"		107.26	2.86	4.49	6.13	7.76	10.45
115	1 ½"		185.12	2.86	4.49	6.13	7.76	10.45
102	2"		288.81	2.86	4.49	6.13	7.76	10.45
Rate Code	1" Flow-Through Residential Meters (domestic and fire protection)			Usage	Usage	Usage	Usage	ERU
	Billed Bi-Monthly			0 - 4 CCF	5 - 10 CCF	11 t- 24 CCF	25 and > CCF	BI-MONTHLY
159	1"	\$	57.90	\$ 2.86	\$ 4.49	\$ 6.13	\$ 7.76	\$ 10.45
Rate Code	Non-Single Family - Multifamily			Usage		Water Use		ERU
	s			Threshold		Charge		BI-MONTHLY
558	5/8 / 3/4	\$	57.90	0 and > CCF		\$ 4.98		\$ 10.45
501/521	1"		107.26	3 and > CCF		4.98		10.45
515/525	1 ½"		185.12	0 and > CCF		4.98		10.45
502/522	2"		288.81	0 and > CCF		4.98		10.45
503/523	3"		650.81	0 and > CCF		4.98		10.45
Rate Code	Non-Single Family - Multifamily			Usage		Water Use		ERU
	BI-MONTHLY/MONTHLY			Threshold		Charge		BI-MONTHLY
504/524	4"	\$ 956.92	\$ 478.46	0 and > CCF		\$ 4.98		\$ 10.45
506/526	6"	1,785.15	892.57	3 and > CCF		4.98		10.45
Rate Code	Non-Single Family - Commercial			Usage		Water Use		ERU
	BI-MONTHLY			Threshold		Charge		BI-MONTHLY
458	5/8 / 3/4	\$	57.90	0 and > CCF		\$ 4.98		\$ 10.45
401	1"		107.26	3 and > CCF		4.98		10.45
415	1 ½"		185.12	0 and > CCF		4.98		10.45
402	2"		288.81	0 and > CCF		4.98		10.45
403	3"		650.81	0 and > CCF		4.98		10.45
404	4"		956.92	1 and > CCF		4.98		10.45
406	6"		1,785.15	2 and > CCF		4.98		10.45
408	8"		2,772.40	3 and > CCF		4.98		10.45
Rate Code	Non-Single Family - Municipal			Usage		Water Use		ERU
	BI-MONTHLY/MONTHLY			Threshold		Rate		BI-MONTHLY
118	5/8 / 3/4	\$ 57.90	\$ 28.94	0 and > CCF		\$ 4.98		\$ 10.45
111	1"	107.26	53.63	3 and > CCF		4.98		10.45
119	1 ½"	185.12	92.55	0 and > CCF		4.98		10.45
112	2"	288.81	144.39	0 and > CCF		4.98		10.45
113	3"	650.81	325.42	0 and > CCF		4.98		10.45
114	4"	956.92	478.46	1 and > CCF		4.98		10.45
Rate Code	Non-Single Family - Fircrest			Usage		Water Use		ERU
	BI-MONTHLY/MONTHLY			Threshold		Rate		BI-MONTHLY
626	6"	\$ 1,785.15	\$ 892.57	0 and > CCF		\$ 4.98		\$ 10.45
628	8"	2,772.40	1,386.21	0 and > CCF		4.98		10.45
Rate Code	LIFE SAVING MEDICAL TREATMENT			Usage		Usage		ERU
	Single Family Residential or Open Air Condominium			0 - 4 CCF	5 - 10 CCF	11 t- 24 CCF	25 and > CCF	BI-MONTHLY
358	5/8 / 3/4	\$	57.90	0 and > CCF		\$ 6.13		\$ 10.45
301	1"		107.26	0 and > CCF		6.13		10.45
315	1 ½"		185.12	0 and > CCF		6.13		10.45
302	2"		288.81	0 and > CCF		6.13		10.45
Rate Code	Fire Sprinkler Service							
	BI-MONTHLY/MONTHLY							
F10	1.0"	\$ 11.59	\$ 5.79					
F15	1.5"	14.89	7.45					
F20	2"	23.99	12.00					
F30	3"	91.02	45.51					
F40	4"	115.85	57.92					
F60	6"	173.77	86.88					
F80	8"	239.97	119.97					
Rate Code	Irrigation			Usage		Water Use		
	BI-MONTHLY/MONTHLY			Threshold		Charge		
258/258	5/8 / 3/4	\$ 50.15	\$ 25.07	0 and > CCF		\$ 8.66		
211/211	1"	87.89	43.95	0 and > CCF		8.66		
215/215	1 ½"	146.38	73.20	0 and > CCF		8.66		
202/202	2"	226.82	113.41	0 and > CCF		8.66		
203/203	3"	526.85	263.43	0 and > CCF		8.66		
204/204	4"	763.24	381.62	0 and > CCF		8.66		
206/206	6"	1,397.78	698.89	0 and > CCF		8.66		
208/208	8"	2,152.60	1,076.31	0 and > CCF		8.66		
There is a 6% City Franchise Fee added to the customers total billing.								



Bi-Monthly Bill Comparisons

2024 - Budget

DISTRICT/CITY	Winter Usage - 11 CCF			Summer Usage - 20 CCF			Annualized
	Base Rate	Usage	Total	Base Rate	Usage	Total	Total
2024							
WD 119	\$ 96.00	\$ 34.90	\$ 130.90	\$ 96.00	\$ 111.76	\$ 207.76	\$ 156.52
City of Mercer Island	\$ 51.45	\$ 71.45	\$ 122.90	\$ 51.45	\$ 164.46	\$ 215.91	\$ 153.91
Seattle Public Utilities-Shoreline & LFP	\$ 47.50	\$ 76.89	\$ 124.39	\$ 47.50	\$ 160.60	\$ 208.10	\$ 152.29
City of Bellevue	\$ 67.38	\$ 58.06	\$ 125.44	\$ 67.38	\$ 124.76	\$ 192.14	\$ 147.67
Woodinville Water District	\$ 62.20	\$ 50.22	\$ 112.42	\$ 62.20	\$ 133.37	\$ 195.57	\$ 140.14
North City Water District	\$ 72.45	\$ 47.18	\$ 119.63	\$ 72.45	\$ 105.68	\$ 178.13	\$ 139.13
2023							
City of Duvall	\$ 63.80	\$ 64.54	\$ 128.34	\$ 63.80	\$ 156.52	\$ 220.32	\$ 159.00
WD 119	\$ 96.00	\$ 34.90	\$ 130.90	\$ 96.00	\$ 111.76	\$ 207.76	\$ 156.52
Seattle Public Utilities-Shoreline & LFP	\$ 47.50	\$ 76.89	\$ 124.39	\$ 47.50	\$ 160.60	\$ 208.10	\$ 152.29
City of Mercer Island	\$ 47.64	\$ 66.16	\$ 113.80	\$ 47.64	\$ 152.28	\$ 199.92	\$ 142.51
City of Bellevue	\$ 64.36	\$ 55.46	\$ 119.82	\$ 64.36	\$ 119.17	\$ 183.53	\$ 141.06
Woodinville Water District	\$ 62.20	\$ 50.22	\$ 112.42	\$ 62.20	\$ 124.92	\$ 187.12	\$ 137.32
Skyway Water & Sewer District	\$ 48.10	\$ 63.03	\$ 111.13	\$ 48.10	\$ 137.96	\$ 186.06	\$ 136.11
North City Water District	\$ 69.66	\$ 45.40	\$ 115.06	\$ 69.66	\$ 101.56	\$ 171.22	\$ 133.78
Seattle Public Utilities-inside Seattle	\$ 39.20	\$ 63.36	\$ 102.56	\$ 39.20	\$ 132.40	\$ 171.60	\$ 125.57
Lake Forest Park Water District	\$ 67.30	\$ 42.97	\$ 110.27	\$ 67.30	\$ 78.13	\$ 145.43	\$ 121.99
Sammamish Plateau	\$ 68.46	\$ 28.96	\$ 97.42	\$ 68.46	\$ 78.43	\$ 146.89	\$ 113.91
WD 90	\$ 70.90	\$ 26.10	\$ 97.00	\$ 70.90	\$ 68.50	\$ 139.40	\$ 111.13
City of Kirkland	\$ 51.38	\$ 36.94	\$ 88.32	\$ 51.38	\$ 98.50	\$ 149.89	\$ 108.84
Highline Water District	\$ 35.45	\$ 48.04	\$ 83.49	\$ 35.45	\$ 99.43	\$ 134.87	\$ 100.62
City of Bothell	\$ 39.04	\$ 43.76	\$ 82.80	\$ 39.04	\$ 94.48	\$ 133.51	\$ 99.70
Coal Creek	\$ 43.91	\$ 40.90	\$ 84.81	\$ 43.91	\$ 83.20	\$ 127.11	\$ 98.91
Olympic View Water & Sewer District	\$ 52.00	\$ 29.59	\$ 81.59	\$ 52.00	\$ 60.40	\$ 112.40	\$ 91.86
Northshore Utility District	\$ 34.90	\$ 42.12	\$ 77.02	\$ 34.90	\$ 85.44	\$ 120.33	\$ 91.46
City of Renton	\$ 37.36	\$ 36.12	\$ 73.48	\$ 37.36	\$ 77.25	\$ 114.61	\$ 87.19

COMPUTATION OF A SINGLE FAMILY BI-MONTHLY WATER BILL FOR NCWD

	2023 Bi-Monthly Bill		2024 Bi-Monthly Bill	
	11 CCF	20 CCF	11 CCF	20 CCF
Base Charge				
Base Rate 5/8"	\$ 55.67	\$ 55.67	\$ 57.90	\$ 57.90
Fire Protection per 1 ERU	\$ 10.05	\$ 10.05	\$ 10.45	\$ 10.45
Franchise Fee (6% FF)	\$ 3.94	\$ 3.94	\$ 4.10	\$ 4.10
Total Base Charge	\$ 69.66	\$ 69.66	\$ 72.45	\$ 72.45
Consumption Charge (including 6% FF)	\$ 45.40	\$ 101.56	\$ 47.18	\$ 105.68
Total Bi-Monthly Beill	\$ 115.06	\$ 171.22	\$ 119.63	\$ 178.13
Consumption Rates	2023	2023 w FF	2024	2024 w FF
Block 1 = 0-4 ccf	\$ 2.75	\$ 2.92	\$ 2.86	\$ 3.03
Block 2 = 5-10 ccf	\$ 4.32	\$ 4.58	\$ 4.49	\$ 4.76
Block 3 = 11- 24 ccf	\$ 5.89	\$ 6.24	\$ 6.13	\$ 6.50
Block 4 = over 25 ccf	\$ 7.46	\$ 7.91	\$ 7.76	\$ 8.23



Forecast

	Financial Forecast							
	2023-2050							
OPERATING ACCOUNT	2023	2024	2025	2026	2027	2028	2029-2040	2041-2050
Sources:								
BEGINNING BALANCE	\$ 1,286,672	\$ 1,277,067	\$ 1,209,379	\$ 1,227,211	\$ 1,209,663	\$ 1,285,144	\$ 1,351,816	\$ 3,245,117
Rate Revenue Increase	4.0%	4.0%	4.0%	4.0%	4.8%	5.0%		
REVENUE								
Net Interest Earnings	30,000	29,776	28,198	28,614	28,204	29,964	640,208	914,562
Fixed and Usage Service Revenue	6,586,338	6,838,875	7,112,430	7,396,928	7,748,282	8,135,696	135,971,742	192,958,299
All Other Service Revenues	1,276,543	1,326,949	1,380,027	1,435,228	1,503,402	1,578,572	26,382,646	37,439,768
Total Service Revenues	7,862,881	8,165,825	8,492,458	8,832,156	9,251,683	9,714,268	162,354,388	230,398,067
Total Other Revenues	632,207	491,283	505,077	519,289	511,387	528,408	7,878,435	9,179,388
TOTAL REVENUE	8,525,087	8,686,884	9,025,732	9,380,058	9,791,275	10,272,640	170,873,030	240,492,017
Total Sources	\$ 9,811,760	\$ 9,963,951	\$ 10,235,111	\$ 10,607,270	\$ 11,000,937	\$ 11,557,785	\$ 172,224,847	\$ 243,737,134
Uses:								
OPERATING COSTS								
Total Admin/Planning/Cust Service/Taxes	\$ 3,028,417	\$ 3,226,877	\$ 3,388,076	\$ 3,518,942	\$ 3,658,560	\$ 3,805,009	59,258,579	75,724,057
SPU Rate Increase	0% SPU Inc	0% SPU Inc	0% SPU Inc	7% SPU Inc	7% SPU Inc	7% SPU Inc		
Water Purchases	1,556,365	1,523,740	1,523,740	1,630,402	1,744,530	1,866,647	35,728,824	62,150,942
All Other O&M costs	1,528,892	1,585,018	1,574,317	1,633,843	1,695,630	1,759,763	27,106,866	33,923,380
TOTAL OPERATING COSTS	6,113,674	6,335,635	6,486,133	6,783,187	7,098,720	7,431,419	122,094,268	171,798,379
CAPITAL COSTS								
Transfer to Vehicle Replacement Account	88,000	92,000	96,000	100,000	104,000	108,000	1,679,000	2,271,567
Transfer to Capital in Lieu of Depreciation	1,200,000	1,200,000	1,300,000	1,400,000	1,400,000	1,600,000	23,500,000	34,400,000
Total Debt Service (Net of Capitalization)	1,083,019	1,076,937	1,075,767	1,064,420	1,063,073	1,066,549	21,706,461	30,762,762
TOTAL CAPITAL COSTS	2,371,019	2,368,937	2,471,767	2,564,420	2,567,073	2,774,549	46,885,461	67,434,330
Transfer to Perservation Account	50,000	50,000	50,000	50,000	50,000	-	-	-
Total Uses	\$ 8,534,693	\$ 8,754,572	\$ 9,007,900	\$ 9,397,607	\$ 9,715,793	\$ 10,205,968	\$ 168,979,730	\$ 239,232,709
ENDING BALANCE - OPERATING ACCOUNT	\$ 1,277,067	\$ 1,209,379	\$ 1,227,211	\$ 1,209,663	\$ 1,285,144	\$ 1,351,816	\$ 3,245,117	\$ 4,504,426
CAPITAL ACCOUNT								
Sources:								
BEGINNING BALANCE	\$ 7,760,801	\$ 7,352,970	\$ 4,323,046	\$ 5,130,128	\$ 4,304,562	\$ 4,244,659	\$ 4,136,525	\$ 15,047,757
Transfer from Operations in Lieu of Depreciation	1,200,000	1,200,000	1,300,000	1,400,000	1,400,000	1,600,000	23,400,000	34,400,000
New Bond Proceeds	-	-	-	-	-	-	42,000,000	6,000,000
Total Other Sources of Funds	720,666	379,635	2,533,280	962,556	696,443	140,757	6,464,351	5,203,550
Total Sources	\$ 9,681,467	\$ 8,932,604	\$ 8,156,325	\$ 7,492,684	\$ 6,401,004	\$ 5,985,417	\$ 76,000,876	\$ 60,651,307
Total Uses	\$ 2,328,497	\$ 4,609,559	\$ 3,026,198	\$ 3,188,122	\$ 2,156,345	\$ 1,848,891	\$ 60,953,119	\$ 52,159,278
ENDING BALANCE - CAPITAL ACCOUNT	\$ 7,352,970	\$ 4,323,046	\$ 5,130,128	\$ 4,304,562	\$ 4,244,659	\$ 4,136,525	\$ 15,047,757	\$ 8,492,029
OTHER FUNDS / ACCOUNTS								
END BAL - VEHICLE REPLACEMENT ACCOUNT		\$ 474,597	\$ 393,652	\$ 349,128	\$ 303,927	\$ 213,430	\$ 319,628	\$ 553,329
ENDING BALANCE - PRESERVATION ACCOUNT		\$ 477,726	\$ 531,632	\$ 585,979	\$ 640,770	\$ -	\$ -	\$ -
ENDING BALANCE - RETAINAGE ACCOUNT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ENDING BALANCE - DEV DEPOSITS ACCOUNT		\$ 1,337,706	\$ 1,337,706	\$ 50,000	\$ 436,404	\$ 436,404	\$ -	\$ -
ENDING BALANCE - BOND FUND		\$ 121,000	\$ 123,023	\$ 125,046	\$ 127,069	\$ 129,092	\$ 139,207	\$ 147,299
Ending Bal - All District Cash	\$ 8,630,036	\$ 7,943,453	\$ 8,743,351	\$ 6,624,377	\$ 7,037,973	\$ 6,267,267	\$ 18,751,709	\$ 13,697,083

