NORTH CITY
Water District

2020-2022 Budget

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North City
WATER DISTRICT

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

Commissioners:
Ron Ricker
Charlotte Haines
Patricia Hale
District Manager:
Diane Pottinger, P.E.

December 17, 2019

Commissioners Haines, Hale and Ricker -

Attached please find North City Water District's Proposed Budget for 2020-2022. We had previously adopted a two year budget for 2019-2020. However, with the water system plan nearly complete, we are revising our budget to include new information from that planning effort. We are proposing a three year budget which will allow us to focus on several major projects over the coming years. We do not believe we will be redoing our budget during this period unless wholesale costs increase more than 7% in any one year so that we can continue to expand these four areas as we strive to improve the District's efficiencies. We continue to operate effectively and efficiently as expected by our rate payers. At the same time of improved efficiencies, we reduced our water usage forecast.

2019 ACHIEVEMENTS

The District accomplished the following items in 2019:

Organizational Development:

(1) hire and train a new Accountant,
(2) Provide continuing education for all employees and commissioners,
(3) Retire the District's Finance Manager and begin transfer of procedures to new Finance Manager
(4) Replacement of a Commissioner,

Business Operations:

(1) Completed two successful audits – 1 financial and 1 accountability audit,
(2) Reviewed and updated the District's Cost of Service and prepared rates for 2020-2022,
(3) Implemented a 4% rate increase in 2019,
(4) Participated in the National AWWA Benchmarking survey,
(5) Complete Site Work project for new maintenance facilities and begin construction of the structures
(6) Completed a draft Hazard Mitigation Plan as part of the Regional King County Plan,
(7) Updated the District's Conservation and Coliform Monitoring Plans,
(8) Continued to work on the District's Water System Plan,
(9) Signed one WSEA in 2019, closed 6 WSEAs and continue to work on 10 WSEAs,

Customer Relations:

(1) Continue to improve implementation of the District's Cross Connection Control program,
(2) Continue communicating and educating our legislators,
(3) Continue to educate our community about water supply in newsletters, Fix a Leak Challenge, at 3 Savvy Gardener classes, and participate in multiple community events,
(4) Attended multiple meetings regarding the Fircrest Campus potential redevelopment and what it might mean for the Fircrest water system

Water Operations:

(1) Continue to proactively provide maintenance and replacement of District system components,
(2) Nearly complete with input of the electronic tracking of District maintenance of hydrant and valves,
(3) Continue to clean, maintain and paint district hydrants to AWWA standards

In **2020-2022, the District expects to:**

Organizational Development:

(1) Finalize transfer to procedures to new Finance Manager
(2) Continue to document procedures for all staffing positions
(3) Continue to provide appropriate training opportunities for staff and commissioners including ICS training for entire organization
(4) Complete a comprehensive review of the Personnel Manual
(5) Research and begin to update the fixed asset schedule.

Business Operations:

(1) Complete three successful audits – 3 financial and 1 accountability audit
(2) Update the District's Connection Charge
(3) Document financial policies
(4) Complete updating the District's Code
(5) Continue closing out WSEAs when they are completed by the developer
(6) Complete the AWWA Benchmarking Survey to more accurately reflect district activities
(7) Complete the Maintenance Facility project, move crews from existing location to new facility and successfully sell the existing shop properties
(8) Upgrade financial software and implement new inventory and work order system
(9) Install and implement fixed based meter reading system
(10) Complete and adopt District's Water System Plan
(11) Begin District's AWIA Risk and Resilience Assessment & ERP
(12) Research and submit grant applications, where appropriate, for high hazard areas, for improving the District's water system

Customer Relations:

(1) Continue working with both Shoreline and Northshore Fire Districts
(2) Continue communicating and educating our legislators
(3) Continue to educate our community about water supply in newsletters, Fix a Leak Challenge, at 3 Savvy Gardener classes, and participate in multiple community events
(4) Continue to work with others regarding the Fircrest Campus potential redevelopment, changes to the Fircrest water system and renegotiate Fircrest Agreement with Department of Social and Health Services

Water Operations:

(1) Continue to proactively provide maintenance and replacement of District system components
(2) Complete initial entry of electronic tracking of District operations and maintenance of hydrant and valves; begin scheduling maintenance of system components
(3) Continue to clean, maintain and paint district hydrants to AWWA standards
(4) Begin multi-year process to update District's GIS system and reconcile to the Fixed Asset schedule.
(5) Complete the review and update District's easements. Begin a mulit-year inspection of easements.

Impact to Rate Payers

The District's single largest expense is the cost of wholesale water purchased from Seattle Public Utilities (SPU). In 2020, SPU will increase its wholesale water rate by 6% and complete a wholesale rate study for 2021-2023. Expected rate increases for this period are 7%. Despite this significant increase, the District's management proposes only a 4% increase in the district's operating budget. The 2019 Cost of Service Review will shift rates to customers that put more demand on the system. Future rate increases will be across the board and based on the new 2020 water rates. This will be sufficient to cover all expected increased expenses, capital infrastructure needs and the cost of inflation.

From all of us on the Management Team, we are truly looking forward to three more successful years in 2020 - 2022.

Diane Pottinger

Diane Pottinger, PE
District Manager

North City
WATER DISTRICT

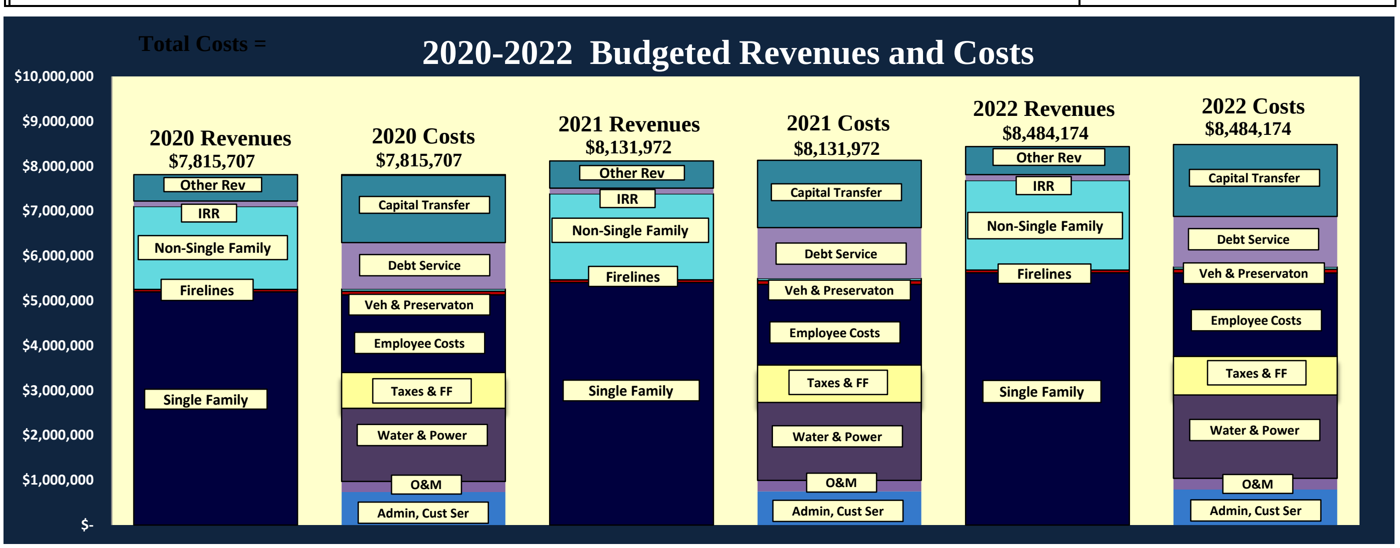
Budget at a Glance

North City WATER DISTRICT

Operating Budget at a Glance

2020-2022 - Budget

	2019 Projected Year-End	2020 Budget	Chg 2020 Budget - 2019 YE	Percent Change	2021 Budget	Change 2021 - 2020	Percent Change	2022 Budget	Change 2022 - 2021	Percent Change
Revenue										
SERVICE REVENUE:										
SINGLE FAMILY	$ 4,876,211	$ 5,201,513	$ 325,301	6.7%	$ 5,409,573	$ 208,061	4.0%	$ 5,625,956	$ 216,383	4.0%
NON-SINGLE FAMILY	1,775,773	1,845,761	69,988	3.9%	1,919,591	73,830	4.0%	1,996,375	76,784	4.0%
IRRIGATION	141,197	123,126	(18,071)	-12.8%	128,051	4,925	4.0%	133,173	5,122	4.0%
FIRELINES	97,282	55,688	(41,594)	-42.8%	57,916	2,228	4.0%	60,232	2,317	4.0%
TOTAL SERVICE REVENUE	6,890,463	7,226,087	335,624	4.9%	7,515,131	289,043	4.0%	7,815,736	300,605	4.0%
OTHER REVENUE	583,063	589,620	6,556	1.1%	606,954	17,335	2.9%	625,261	18,306	3.0%
Total Revenue	7,473,526	7,815,707	342,181	4.58%	8,122,085	306,378	3.9%	8,440,997	318,912	3.9%
Net Use of Reserves	26,030	-			9,886	9,886		43,177	33,291	
Total Revenues	$ 7,499,556	$ 7,815,707	$ 342,181	4.6%	$ 8,131,972	$ 316,264	4.0%	$ 8,484,174	$ 352,203	4.3%
Costs										
Operating Costs										
BUSINESS ADMINISTRATION	231,091	252,400	21,309	9%	236,163	(16,237)	-6%	263,128	26,965	11%
PLANNING AND DEVELOPMENT	12,282	30,000	17,718	144%	20,000	(10,000)	-33%	20,000	-	0%
PUBLIC AND REGIONAL OUTREACH	55,418	56,900	1,482	3%	58,500	1,600	3%	60,300	1,800	3%
OFFICE AND RECORDS MANAGEMENT	271,167	308,800	37,633	14%	345,800	37,000	12%	356,500	10,700	3%
CUSTOMER SERVICE AND BILLING	86,134	88,700	2,566	3%	90,800	2,100	2%	93,300	2,500	3%
PURCHASED WATER AND POWER	1,486,120	1,630,372	144,252	9.7%	1,741,600	111,228	6.8%	1,858,300	116,700	6.7%
OPERATIONS AND MAINTENANCE	218,468	236,400	17,932	8%	243,200	6,800	3%	248,200	5,000	2%
TAXES AND FRANCHISE FEES	761,649	798,545	36,896	5%	830,310	31,764	4%	863,484	33,175	4%
EMPLOYEE COSTS (Net Capitalization)	1,750,614	1,732,591	(18,023)	-1%	1,801,675	69,084	4%	1,858,189	56,514	3%
Total Operating Costs	4,872,943	5,134,708	261,766	5.4%	5,368,048	233,339	4.5%	5,621,401	253,353	4.7%
Capital Costs										
DEBT SERVICE *(Net of capitalization)*	1,220,425	1,033,824	(186,600)	-15%	1,130,924	97,100	9%	1,127,773	(3,150)	0%
CAPITAL TRANSFERS	1,277,189	1,500,000	222,811	17%	1,500,000	-	0%	1,600,000	100,000	7%
VEHICLE REPLACEMENT TRANSFER	79,000	81,000	2,000	3%	83,000	2,000	2%	85,000	2,000	2%
Total Capital Costs	2,576,613	2,614,824	38,211	1%	2,713,924	99,100	4%	2,812,773	98,850	4%
TRANSFER TO PRESERVATION ACCT	50,000	50,000	-	n/a	50,000	-		50,000	-	n/a
Net Additions to Reserves	-	16,174	42,204		(0)	(16,174)	n/a	-	(0)	
Total Costs	$ 7,499,556	$ 7,815,707	$ 342,181	4.6%	$ 8,131,972	$ 316,265	4.0%	$ 8,484,174	$ 352,203	4.3%



North City WATER DISTRICT

Operating Costs

North City WATER DISTRICT

Operating Costs by Object *(Type)* and Function *(Purpose)*

2020 - Budget - Summary

	2018 Actual	*2019 Budget*	*2019 YE Projected*	2020 Budget	Business Admin	Cust Service & Billing	O&M General & Admin	Source of Supply & Pump	Storage	Meters & Services	Dist System	Hydrants	Labor - Alloc to Capital
BUSINESS ADMINISTRATION													
Legal Services	*41,451*	*46,000*	*50,712*	44,500	44,500	-	-	-	-	-	-	-	-
Financial Services	*12,275*	*60,000*	*60,469*	67,200	67,200	-	-	-	-	-	-	-	-
Insurance	*88,550*	*113,000*	*118,042*	121,600	121,600	-	-	-	-	-	-	-	-
Elections	*16,901*	*-*	*-*	17,000	17,000	-	-	-	-	-	-	-	-
Miscellaneous & Other	*1,980*	*4,200*	*1,867*	2,100	2,100	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION	*161,157*	*223,200*	*231,091*	252,400	252,400	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT													
Professional Services	*9,386*	*12,000*	*12,282*	30,000	30,000	-	-	-	-	-	-	-	-
Other Planning & Development	*35*	*1,000*	*-*	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT	*9,421*	*13,000*	*12,282*	30,000	30,000	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH													
Regional Dues & Memberships	*26,157*	*18,000*	*17,394*	17,900	17,900	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events	*26,489*	*35,000*	*36,805*	37,800	37,800	-	-	-	-	-	-	-	-
Other Public Outreach	*185*	*2,000*	*1,219*	1,200	1,200	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUTREACH	*52,831*	*55,000*	*55,418*	56,900	56,900	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT													
General Office Expense	*12,015*	*12,500*	*10,217*	10,600	10,600	-	-	-	-	-	-	-	-
Office Supplies & Equipment	*19,616*	*17,650*	*19,151*	19,800	18,100	-	1,700	-	-	-	-	-	-
Computer Systems	*111,700*	*109,000*	*107,996*	140,900	109,400	-	31,500	-	-	-	-	-	-
Phones & Internet	*38,316*	*35,500*	*41,761*	42,700	24,100	-	18,600	-	-	-	-	-	-
Building & Grounds Maint & Repair	*93,193*	*90,500*	*92,043*	94,800	59,700	-	35,100	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGEMEN	*274,841*	*265,150*	*271,167*	308,800	221,900	-	*86,900*	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING													
Billing	*79,572*	*66,000*	*77,733*	80,100	-	80,100	-	-	-	-	-	-	-
Reporting	*7,225*	*8,500*	*6,901*	7,100	-	7,100	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BILLING	*97,269*	*87,500*	*86,134*	88,700	-	*88,700*	-	-	-	-	-	-	-
PURCHASED WATER & POWER													
Water	*1,391,547*	*1,512,000*	*1,415,479*	1,557,600	-	-	-	1,557,600	-	-	-	-	-
Power	*51,165*	*36,000*	*70,642*	72,800	-	-	-	72,800	-	-	-	-	-
TOTAL PURCHASED WATER & POWER	*1,442,712*	*1,548,000*	*1,486,120*	1,630,400	-	-	-	1,630,400	-	-	-	-	-
OPERATIONS & MAINTENANCE													
Professtional & Other Outside Service	*46,886*	*37,000*	*74,712*	82,800	-	-	43,700	3,300	-	10,000	25,800	-	-
Supplies & Materials	*111,398*	*98,500*	*69,693*	77,000	-	-	22,000	5,000	1,000	24,000	23,000	2,000	-
Small Tools & Equipment	*1,495*	*12,000*	*3,934*	4,100	-	-	-	-	-	-	4,100	-	-
Telemetry	*9,814*	*12,000*	*10,070*	10,400	-	-	-	10,400	-	-	-	-	-
Field Vehicle Expense	*44,871*	*31,000*	*33,823*	34,900	-	-	34,900	-	-	-	-	-	-
Miscellaneous	*19,799*	*20,500*	*26,235*	27,200	-	-	20,200	-	-	2,100	4,900	-	-
TOTAL OPERATIONS & MAINTENANCE	*234,262*	*211,000*	*218,468*	236,400	-	-	120,800	18,700	1,000	36,100	57,800	2,000	-
TAXES & FRANCHISE FEES													
Taxes	*363,527*	*365,048*	*365,631*	384,252	370,152	-	14,100	-	-	-	-	-	-
Franchise fees	*379,572*	*395,606*	*396,019*	414,293	414,293	-	-	-	-	-	-	-	-
TOTAL TAXES & FRANCHISE FEES	*743,098*	*760,654*	*761,649*	798,545	784,445	-	14,100	-	-	-	-	-	-
EMPLOYEE COSTS													
Travel & Training	*48,578*	*50,000*	*41,064*	40,000	22,800	-	17,200	-	-	-	-	-	-
Other Employee Costs	*10,266*	*7,600*	*12,769*	11,300	1,300	-	10,000	-	-	-	-	-	-
Temporary Employee Costs	*-*	*-*	*10,589*	-	-	-	-	-	-	-	-	-	-
Direct Payroll Costs	*1,174,713*	*1,281,780*	*1,312,230*	1,308,400	452,107	180,461	292,902	19,606	8,216	41,817	101,919	16,011	195,360
Payroll Benefits	*448,481*	*606,379*	*592,898*	602,002	229,384	78,168	219,380	4,299	1,805	9,216	22,473	3,525	33,751
Payroll Allocations to Capital Projects	*(23,431)*	*(25,794)*	*(218,936)*	(229,111)	-	-	-	-	-	-	-	-	(229,111)
TOTAL EMPLOYEE COSTS	*1,658,607*	*1,919,965*	*1,750,614*	1,732,591	705,591	258,629	539,482	23,905	10,022	51,034	124,392	19,536	0

North City WATER DISTRICT

2020 - BUDGET DETAIL

Operating Costs by Object *(Type)* and Function *(Purpose)*

2020 - Budget - Detail

		2018 Actual	*2019 Budget*	*2019 YE Projected*	2020 Budget	Business Admin	Admin-General	Admin-Planning	Public Outreach Commissioners	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	Labor - Alloc to Capital
						Function->	10	9	13	14	20		50	51	53	31		30	42		41	37	38		39		33	34	43		32	36	40	35	
BUSINESS ADMINISTRATION	*Object*																																		
Legal Services																																			
Prof Services - Legal - General	500100	*13,676*	*12,000*	*10,256*	11,000	11,000	11,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Meetings	500101	*23,712*	*24,000*	*35,384*	28,000	28,000	28,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Interlocal/Regional	500102	*858*	*5,000*	*1,879*	2,000	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Personnel	500103	*2,990*	*2,000*	*3,193*	3,500	3,500	3,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Public Records Requests	500104	*215*	*3,000*	*-*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal Services		*41,451*	*46,000*	*50,712*	44,500	44,500	44,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services																																			
Prof Services-Financial	501100	*-*	*40,000*	*40,724*	41,900	41,900	41,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Audit Services	501500	*12,275*	*20,000*	*19,746*	25,300	25,300	25,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services		*12,275*	*60,000*	*60,469*	67,200	67,200	67,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance																																			
Insurance - Administrative	508100	*88,550*	*113,000*	*118,042*	121,600	121,600	121,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - O&M	508200	*-*	*-*	*-*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance		*88,550*	*113,000*	*118,042*	121,600	121,600	121,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections																																			
Elections	510100	*16,901*	*-*	*-*	17,000	17,000	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections		*16,901*	*-*	*-*	17,000	17,000	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other																																			
Miscellaneous	515100	*183*	*700*	*588*	600	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manager Expense	516100	*211*	*300*	*246*	300	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commissioner's Expense	516200	*-*	*200*	*-*	200	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Advertising Expense	517100	*1,586*	*3,000*	*1,034*	1,000	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other		*1,980*	*4,200*	*1,867*	2,100	2,100	2,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION		*161,157*	*223,200*	*231,091*	252,400	252,400	252,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT																																			
Professional Services																																			
Prof Services - Code Book	520550	*-*	*2,000*	*2,000*	10,000	10,000	-	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Unspecified Projects	520600	*-*	*10,000*	*10,282*	20,000	20,000	-	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peservation Planning Reserve	520999	*-*	*50,000*	*50,000*	50,000	50,000	-	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer to Preservation Reserve Acct		*-*	*(50,000)*	*(50,000)*	(50,000)	(50,000)	-	(50,000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services		*9,386*	*12,000*	*12,282*	30,000	30,000	-	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Planning & Development																																			
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellneous Planning & Dev	522100	*35*	*1,000*	*-*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Planning & Development		*35*	*1,000*	*-*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT		*9,421*	*13,000*	*12,282*	30,000	30,000	-	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH																																			
Regional Dues & Memberships																																			
Dues/Membership/Cert.	523100	*26,157*	*17,000*	*17,394*	17,900	17,900	-	-	-	17,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous/Other		*-*	*1,000*	*-*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regional Dues & Memberships		*26,157*	*18,000*	*17,394*	17,900	17,900	-	-	-	17,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events																																			
Newsletter Distribution & Other	524100	*11,209*	*17,000*	*20,716*	21,300	21,300	-	-	-	21,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletter Professtional Services	524101	*3,578*	*5,000*	*1,971*	2,000	2,000	-	-	-	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website - Other Costs	524200	*1,274*	*2,000*	*617*	600	600	-	-	-	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website Professional Services	524201	*2,429*	*3,000*	*3,105*	3,200	3,200	-	-	-	3,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special/Public Events	524300	*7,999*	*8,000*	*10,396*	10,700	10,700	100	-	-	10,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events		*26,489*	*35,000*	*36,805*	37,800	37,800	100	-	-	37,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
												-					-			-				-		-				-					-
Other Public Outreach												-					-			-				-		-				-					-
Other Professional Services	525100	*48*	*1,000*	*200*	200	200	-	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Micellaneous Public Outreach	525200	*137*	*1,000*	*1,019*	1,000	1,000	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Public Outreach		*185*	*2,000*	*1,219*	1,200	1,200	-	-	-	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUTREACH		*52,831*	*55,000*	*55,418*	56,900	56,900	100	-	-	56,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT																																			
General Office Expense																																			
Postage	530100	*1,891*	*2,000*	*2,075*	2,100	2,100	2,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Courier Services	530200	*975*	*500*	*360*	400	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous Office/Shop Expense	530300	*1,180*	*1,000*	*548*	600	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temp Office Rent Expense	530400	*-*	*-*	*-*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Services - Payroll	530500	*7,969*	*9,000*	*7,233*	7,500	7,500	7,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Office Expense		*12,015*	*12,500*	*10,217*	10,600	10,600	10,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Supplies & Equipment																																			
Office Supplies	531100	*12,240*	*12,000*	*16,826*	17,400	15,700	15,700	-	-	-	-	-	-	-	-	-	1,700	1,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Publications and Newspapers	531200	*626*	*650*	*205*	200	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment & Small Tools	531300	*6,750*	*5,000*	*2,120*	2,200	2,200	2,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Supplies & Equipment		*19,616*	*17,650*	*19,151*	19,800	18,100	18,100	-	-	-	-	-	-	-	-	-	1,700	1,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems																																			
Computer Supplies	532100	*5,540*	*7,000*	*273*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computers & Printers	532200	*199*	*1,000*	*3,188*	3,200	2,100	2,100	-	-	-	-	-	-	-	-	-	1,100	1,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Software	532300	*10,189*	*14,000*	*5,522*	5,700	4,500	4,500	-	-	-	-	-	-	-	-	-	1,200	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance Agreements	532350	*33,641*	*22,000*	*33,032*	64,000	64,000	64,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services - Computer	532400	*62,131*	*65,000*	*65,981*	68,000	38,800	38,800	-	-	-	-	-	-	-	-	-	29,200	29,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

North City WATER DISTRICT

2020 - BUDGET DETAIL

Operating Costs by Object *(Type)* and Function *(Purpose)*

2020 - Budget - Detail

	Acct	2018 Actual	2019 Budget	2019 YE Projected	2020 Budget	Business Admin	Admin-General	Admin-Planning	Public Outreach Commissioners	Public Outreach - Programs	Finance - General	Cust Service & Billing	Cust Service - General	Cust Service - Billing	Cust Service - Reporting	Field Customer Service
						Function->	10	9	13	14	20		50	51	53	31
Computer Systems		111,700	109,000	107,996	140,900	109,400	109,400	-	-	-	-	-	-	-	-	-
Phones & Internet																
Cell Phones	534200	6,708	4,500	5,798	5,700	2,800	2,800	-	-	-	-	-	-	-	-	-
Alarm Monitoring	534300	3,150	3,000	5,592	5,700	1,600	1,600	-	-	-	-	-	-	-	-	-
Phone System & Internet	534400	28,459	28,000	30,371	31,300	19,700	19,700	-	-	-	-	-	-	-	-	-
Phones & Internet		38,316	35,500	41,761	42,700	24,100	24,100	-	-	-	-	-	-	-	-	-
Building & Grounds - Maintenance & Operations																
Custodial																
Kitchen / Custodial Supplies	535200	5,182	5,000	6,118	6,300	6,300	6,300	-	-	-	-	-	-	-	-	-
Custodial Services	535300	10,998	15,000	14,910	15,400	9,900	9,900	-	-	-	-	-	-	-	-	-
Custodial		16,180	20,000	21,028	21,700	16,200	16,200	-	-	-	-	-	-	-	-	-
Utilites																
Utilities - Electric	536100	26,323	23,000	21,511	22,100	13,300	13,300	-	-	-	-	-	-	-	-	-
Utilities - Garbage	536200	4,330	6,000	7,658	7,900	3,900	3,900	-	-	-	-	-	-	-	-	-
Utilities - Sewer	536300	3,667	3,500	3,447	3,500	1,500	1,500	-	-	-	-	-	-	-	-	-
Utilities - Gas	536400	5,920	5,000	4,754	4,900	1,900	1,900	-	-	-	-	-	-	-	-	-
Utilites		40,240	37,500	37,370	38,400	20,600	20,600	-	-	-	-	-	-	-	-	-
Maintenance & Repairs																
Maintenance - Buildings	537100	5,465	5,000	14,086	14,500	10,900	10,900	-	-	-	-	-	-	-	-	-
Maintenance - Grounds	537200	7,426	7,000	7,234	7,500	6,900	6,900	-	-	-	-	-	-	-	-	-
Maint & Repairs - General	537300	23,882	21,000	12,325	12,700	5,100	5,100	-	-	-	-	-	-	-	-	-
Maintenance & Repairs		36,773	33,000	33,646	34,700	22,900	22,900	-	-	-	-	-	-	-	-	-
Building & Grounds Maint & Repair		93,193	90,500	92,043	94,800	59,700	59,700	-	-	-	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGEMENT		274,841	265,150	271,167	308,800	221,900	221,900	-	-	-	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING																
Billing																
Outside Billing	540100	39,520	35,000	40,656	41,900	-	-	-	-	-	-	41,900	-	41,900	-	-
E-Payment Service	541400	36,092	31,000	36,625	37,700	-	-	-	-	-	-	37,700	-	37,700	-	-
Billing		79,572	66,000	77,733	80,100	-	-	-	-	-	-	80,100	-	80,100	-	-
Reporting												-				
Consumer Confidence Report	545100	7,225	8,500	6,901	7,100	-	-	-	-	-	-	7,100	-	-	7,100	-
Reporting		7,225	8,500	6,901	7,100	-	-	-	-	-	-	7,100	-	-	7,100	-
TOTAL CUSTOMER SERVICE & BILLING		97,269	87,500	86,134	88,700	-	-	-	-	-	-	88,700	-	81,600	7,100	-
PURCHASED WATER & POWER																
Water																
SPU	550100	1,391,547	1,512,000	1,415,479	1,557,572	-	-	-	-	-	-	-	-	-	-	-
Meter Upgrades	550200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water		1,391,547	1,512,000	1,415,479	1,557,572	-	-	-	-	-	-	-	-	-	-	-
Power																
Purchased Power	555100	51,165	36,000	70,642	72,800	-	-	-	-	-	-	-	-	-	-	-
Power		51,165	36,000	70,642	72,800	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASED WATER & POWER		1,442,712	1,548,000	1,486,120	1,630,372	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS & MAINTENANCE																
Professtional & Other Outside Services																
Engineering Services	560100	1,775	7,000	-	7,000	-	-	-	-	-	-	-	-	-	-	-
Engineering Services - CWA	560102	36,500	28,000	36,660	36,700	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	560200	8,611	2,000	38,052	39,100	-	-	-	-	-	-	-	-	-	-	-
Professtional & Other Outside Services		46,886	37,000	74,712	82,800	-	-	-	-	-	-	-	-	-	-	-
Supplies & Materials																
Supplies - O&M by Function	565100	78,054	82,500	47,341	54,300	-	-	-	-	-	-	-	-	-	-	-
Supplies - Inventory by Function	565110	33,344	16,000	22,352	22,700	-	-	-	-	-	-	-	-	-	-	-
Supplies & Materials		111,398	98,500	69,693	77,000	-	-	-	-	-	-	-	-	-	-	-
Small Tools & Equipment																
Small Tools & Equipment	568100	1,495	12,000	3,934	4,100	-	-	-	-	-	-	-	-	-	-	-
Small Tools & Equipment		1,495	12,000	3,934	4,100	-	-	-	-	-	-	-	-	-	-	-
Communications																
Telemetry	570100	9,814	12,000	10,070	10,400	-	-	-	-	-	-	-	-	-	-	-
Telemetry		9,814	12,000	10,070	10,400	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense																
Fuel Consumed - Vehicles	572100	19,291	18,000	18,526	19,100	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maint - Vehicles	572200	25,580	13,000	15,297	15,800	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense		44,871	31,000	33,823	34,900	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous																
Locates, Permits & Inspections	574100	8,012	8,500	9,495	9,900	-	-	-	-	-	-	-	-	-	-	-
Other	574110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Fee	574200	11,787	12,000	12,900	13,300	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous and Other	574300	-	-	3,841	4,000	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous		19,799	20,500	26,235	27,200	-	-	-	-	-	-	-	-	-	-	-
TOTAL OPERATIONS & MAINTENANCE		234,262	211,000	218,468	236,400	-	-	-	-	-	-	-	-	-	-	-

	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	Labor - Alloc to Capital
		30	42		41	37	38		39		33	34	43		32	36	40	35	
Computer Systems	31,500	31,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phones & Internet																			
Cell Phones	2,900	2,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alarm Monitoring	4,100	4,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phone System & Internet	11,600	11,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phones & Internet	18,600	18,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds - Maintenance & Operations																			
Custodial																			
Kitchen / Custodial Supplies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial Services	5,500	5,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial	5,500	5,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites																			
Utilities - Electric	8,800	8,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Garbage	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Sewer	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Gas	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites	17,800	17,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs																			
Maintenance - Buildings	3,600	3,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance - Grounds	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint & Repairs - General	7,600	7,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs	11,800	11,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds Maint & Repair	35,100	35,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGEMENT	86,900	86,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING																			
Billing																			
Outside Billing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E-Payment Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Billing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting																			
Consumer Confidence Report	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BILLING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PURCHASED WATER & POWER																			
Water																			
SPU	-	-	-	1,557,572	1,557,572	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter Upgrades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water	-	-	-	1,557,572	1,557,572	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power																			
Purchased Power	-	-	-	72,800	-	72,800	-	-	-	-	-	-	-	-	-	-	-	-	-
Power	-	-	-	72,800	-	72,800	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASED WATER & POWER	-	-	-	1,630,372	1,557,572	72,800	-	-	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS & MAINTENANCE																			
Professtional & Other Outside Services																			
Engineering Services	7,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services - CWA	36,700	36,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	-	-	-	3,300	-	3,300	-	-	-	10,000	10,000	-	-	25,800	4,500	17,800	3,500	-	-
Professtional & Other Outside Services	43,700	43,700	-	3,300	-	3,300	-	-	-	10,000	10,000	-	-	25,800	4,500	17,800	3,500	-	-
Supplies & Materials																			
Supplies - O&M by Function	21,300	13,400	7,900	5,000	2,600	2,400	-	1,000	1,000	9,500	9,500	-	-	15,500	8,300	3,200	4,000	2,000	-
Supplies - Inventory by Function	700	700	-	-	-	-	-	-	-	14,500	3,500	11,000	-	7,500	1,700	5,800	-	-	-
Supplies & Materials	22,000	14,100	7,900	5,000	2,600	2,400	-	1,000	1,000	24,000	13,000	11,000	-	23,000	10,000	9,000	4,000	2,000	-
Small Tools & Equipment																			
Small Tools & Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	4,100	-	-	4,100	-	-
Small Tools & Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	4,100	-	-	4,100	-	-
Communications																			
Telemetry	-	-	-	10,400	-	-	10,400	-	-	-	-	-	-	-	-	-	-	-	-
Telemetry	-	-	-	10,400	-	-	10,400	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense																			
Fuel Consumed - Vehicles	19,100	19,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maint - Vehicles	15,800	15,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense	34,900	34,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous																			
Locates, Permits & Inspections	2,900	2,900	-	-	-	-	-	-	-	2,100	2,100	-	-	4,900	2,800	2,100	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Fee	13,300	13,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous and Other	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	20,200	20,200	-	-	-	-	-	-	-	2,100	2,100	-	-	4,900	2,800	2,100	-	-	-
TOTAL OPERATIONS & MAINTENANCE	120,800	112,900	7,900	18,700	2,600	5,700	10,400	1,000	1,000	36,100	25,100	11,000	-	57,800	17,300	28,900	11,600	2,000	-

North City WATER DISTRICT

2020 - BUDGET DETAIL

Operating Costs by Object *(Type)* and Function *(Purpose)*

2020 - Budget - Detail

		2018 Actual	*2019 Budget*	*2019 YE Projected*	2020 Budget	Business Admin	Admin-General	Admin-Planning	Public Outreach Commissioners	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	Labor - Alloc to Capital
						Function->	10	9	13	14	20		50	51	53	31		30	42		41	37	38		39		33	34	43		32	36	40	35	
TAXES & FRANCHISE FEES																																			
Taxes																																			
Taxes	575100	350,718	352,048	348,167	366,052	366,052	366,052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	575200	12,809	13,000	17,464	18,200	4,100	4,100	-	-	-	-	-	-	-	-	-	14,100	14,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taxes		363,527	365,048	365,631	384,252	370,152	370,152	-	-	-	-	-	-	-	-	-	14,100	14,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees																																			
Franchise Expense - SHO	577100	290,151	300,606	303,021	317,593	317,593	317,593	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise Expense - LFP	577200	89,421	95,000	92,998	96,700	96,700	96,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees		379,572	395,606	396,019	414,293	414,293	414,293	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																																			-
TOTAL TAXES & FRANCHISE FEES		743,098	760,654	761,649	798,545	784,445	784,445	-	-	-	-	-	-	-	-	-	14,100	14,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPLOYEE COSTS																																			
Travel & Training																																			
Publications, Books, Manuals	580100	1,308	1,000	302	300	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training	580200	6,308	6,000	1,332	1,200	400	400	-	-	-	-	-	-	-	-	-	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel	580300	22,309	24,000	20,150	19,700	11,100	10,100	-	200	-	800	-	-	-	-	-	8,600	8,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	580400	5,086	5,000	7,451	7,500	3,000	2,700	-	-	-	300	-	-	-	-	-	4,500	4,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	580401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Registration	580500	13,566	14,000	11,830	11,300	8,000	6,200	-	-	-	1,800	-	-	-	-	-	3,300	3,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Underexpenditure		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel & Training		48,578	50,000	41,064	40,000	22,800	19,700	-	200	-	2,900	-	-	-	-	-	17,200	17,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs																																			
Drug Testing	585100	600	1,000	578	1,000	400	400	-	-	-	-	-	-	-	-	-	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hearing Tests	585200	252	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uniforms	585300	7,161	5,600	8,027	8,600	-	-	-	-	-	-	-	-	-	-	-	8,600	8,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	585400	2,253	1,000	4,164	1,700	900	900	-	-	-	-	-	-	-	-	-	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs		10,266	7,600	12,769	11,300	1,300	1,300	-	-	-	-	-	-	-	-	-	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs																																			
Employement Agency Costs	589100	-	-	10,589	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs		-	-	10,589	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
` Direct Payroll Costs																																			
Regular Pay	590100	879,002	928,884	945,869	944,132	414,736	170,178	-	22,471	26,537	195,550	155,403	118,584	-	-	36,818	167,560	160,205	7,355	17,868	-	14,266	3,602	8,216	8,216	41,106	7,386	15,520	18,200	89,576	5,058	52,923	31,595	15,865	33,801
Regular Pay for Capital		75,100	114,347	148,271	161,087		-	-	-	-	-		-	-	-	-		-	-		-	-	-		-		-	-	-		-	-	-	-	161,087
Holiday Pay	590110	50,771	51,277	51,293	52,188	16,091	6,440	-	-	2,083	7,567	6,538	6,538	-	-	-	29,560	29,560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sick Pay	590120	34,829	30,333	19,563	20,508	5,542	307	-	-	1,791	3,444	2,679	2,679	-	-	-	12,287	12,287	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vacation Pay	590130	95,651	107,159	95,263	77,631	6,335	-	-	-	1,782	4,554	10,670	10,670	-	-	-	60,626	60,626	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
On-Call	590300	17,944	19,187	19,278	19,278	-	-	-	-	-	-	-	-	-	-	-	19,278	19,278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overtime	590700	21,417	30,594	32,693	33,576	9,403	796	-	-	6,805	1,801	5,172	2,172	-	-	2,999	3,591	3,591	-	1,738	-	1,626	112	-	-	711	112	425	174	12,343	6,566	5,705	72	146	472
Direct Payroll Costs		1,174,713	1,281,780	1,312,230	1,308,400	452,107	177,722	-	22,471	38,998	212,916	180,461	140,643	-	-	39,818	292,902	285,547	7,355	19,606	-	15,891	3,714	8,216	8,216	41,817	7,497	15,946	18,375	101,919	11,624	58,628	31,667	16,011	195,360
							-	-	-	-	-																								
Payroll Benefits							-	-	-	-	-																								
FICA	595100	67,368	71,016	70,697	69,597	27,917	11,009	-	1,399	2,381	13,128	11,152	8,696	-	-	2,455	16,787	16,348	439	1,221	-	992	229	509	509	2,617	472	998	1,146	6,354	725	3,672	1,958	994	2,045
Medicare	595200	16,023	21,555	16,939	16,709	6,697	2,632	-	333	576	3,155	2,673	2,085	-	-	589	4,053	3,945	109	289	-	234	55	121	121	623	111	238	274	1,510	176	867	468	238	505
HCA/VEBA (Medical Insurance)	595300	304,500	306,000	301,500	306,000	126,000	18,000	-	54,000	18,000	36,000	36,000	36,000	-	-	-	144,000	144,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERS	595400	133,635	142,967	137,284	149,751	58,016	22,580	-	2,841	4,947	27,647	22,928	17,878	-	-	5,050	40,575	39,638	938	2,483	-	2,012	472	1,045	1,045	5,314	947	2,027	2,341	12,995	1,489	7,480	4,026	2,041	4,353
Pension Expense Adj GASB 68	595401	(137,516)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Insurance	595600	17,405	19,184	12,661	12,879	5,233	2,074	-	261	456	2,443	2,096	1,632	-	-	464	2,940	2,855	85	226	-	183	43	93	93	494	88	188	217	1,214	138	702	374	189	394
Unemployment	595700	1,916	1,733	1,645	1,668	668	259	-	36	52	321	268	207	-	-	61	409	400	9	32	-	26	6	16	16	62	12	22	28	144	20	81	43	24	45
WA Disability	595750	119	-	2,758	2,710	1,104	439	-	55	97	513	441	343	-	-	98	615	596	18	47	-	39	9	21	21	106	19	40	47	256	30	148	78	40	81
Clothing Allowance	595800	3,000	7,500	7,500	7,000	2,000	500	-	-	500	1,000	1,000	1,000	-	-	-	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cell Phone Allowance	595900	13,360	9,990	9,060	9,360	1,750	-	-	-	770	980	1,610	1,610	-	-	-	6,000	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Payroll Benefits for Capital		28,671	26,435	32,854	26,327	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,327
Payroll Benefits		448,481	606,379	592,898	602,002	229,384	57,493	-	58,926	27,780	85,187	78,168	69,452	-	-	8,716	219,380	217,783	1,597	4,299	-	3,486	813	1,805	1,805	9,216	1,650	3,514	4,053	22,473	2,578	12,949	6,946	3,525	33,751
Payroll Allocations																																			
Allocated to CIP or Capital Assets					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Payroll Allocations to Capital Projects		(23,431)	(25,794)	(218,936)	(229,111)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(229,111)
TOTAL EMPLOYEE COSTS		1,658,607	1,919,965	1,750,614	1,732,591	705,591	256,214	-	81,597	66,777	301,003	258,629	210,095	-	-	48,534	539,482	530,530	8,953	23,905	-	19,377	4,527	10,022	10,022	51,034	9,147	19,459	22,428	124,392	14,202	71,577	38,613	19,536	-
TOTAL OPERATING COSTS		4,676,557	5,083,469	4,872,943	5,134,708	2,051,236	1,515,060	30,000	81,597	123,577	301,003	347,329	210,095	81,600	7,100	48,534	761,282	744,430	16,853	1,672,977	1,560,172	97,877	14,927	11,022	11,022	87,134	34,247	30,459	22,428	182,192	31,502	100,477	50,213	21,536	-

Operating Costs by Object *(Type)* and Function *(Purpose)*

2021 - Budget - Summary

North City Water District	*2019 Budget*	*2019 YE Projected*	*2020 Budget*	2021 Budget	Business Admin	Cust Service & Billing	O&M General & Admin	Source of Supply & Pump	Storage	Meters & Services	Dist System	Hydrants	Labor - Alloc to Capital
BUSINESS ADMINISTRATION													
Legal Services	*46,000*	*50,712*	*44,500*	45,700	45,700	-	-	-	-	-	-	-	-
Financial Services	*60,000*	*60,469*	*67,200*	64,300	64,300	-	-	-	-	-	-	-	-
Insurance	*113,000*	*118,042*	*121,600*	124,000	124,000	-	-	-	-	-	-	-	-
Elections	*-*	*-*	*17,000*	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other	*4,200*	*1,867*	*2,100*	2,163	2,163	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION	*223,200*	*231,091*	*252,400*	236,163	236,163	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT													
Professional Services	*12,000*	*12,282*	*30,000*	20,000	20,000	-	-	-	-	-	-	-	-
Other Planning & Development	*1,000*	*-*	*-*	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT	*13,000*	*12,282*	*30,000*	20,000	20,000	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH													
Regional Dues & Memberships	*18,000*	*17,394*	*17,900*	18,400	18,400	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events	*35,000*	*36,805*	*37,800*	38,900	38,900	-	-	-	-	-	-	-	-
Other Public Outreach	*2,000*	*1,219*	*1,200*	1,200	1,200	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUTREACH	*55,000*	*55,418*	*56,900*	58,500	58,500	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT													
General Office Expense	*12,500*	*10,217*	*10,600*	10,900	10,900	-	-	-	-	-	-	-	-
Office Supplies & Equipment	*17,650*	*19,151*	*19,800*	20,500	18,700	-	1,800	-	-	-	-	-	-
Computer Systems	*109,000*	*107,996*	*140,900*	145,100	112,700	-	32,400	-	-	-	-	-	-
Phones & Internet	*35,500*	*41,761*	*42,700*	43,700	24,700	-	19,000	-	-	-	-	-	-
Building & Grounds Maint & Repair	*90,500*	*92,043*	*94,800*	125,600	61,000	-	64,600	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGEMENT	*265,150*	*271,167*	*308,800*	345,800	228,000	-	*117,800*	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING													
Billing	*66,000*	*77,733*	*80,100*	82,500	-	82,500	-	-	-	-	-	-	-
Reporting	*8,500*	*6,901*	*7,100*	6,800	-	6,800	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BILLING	*87,500*	*86,134*	*88,700*	90,800	-	*90,800*	-	-	-	-	-	-	-
PURCHASED WATER & POWER													
Water	*1,512,000*	*1,415,479*	*1,557,572*	1,666,600	-	-	-	1,666,600	-	-	-	-	-
Power	*36,000*	*70,642*	*72,800*	75,000	-	-	-	75,000	-	-	-	-	-
TOTAL PURCHASED WATER & POWER	*1,548,000*	*1,486,120*	*1,630,372*	1,741,600	-	-	-	1,741,600	-	-	-	-	-
OPERATIONS & MAINTENANCE													
Professtional & Other Outside Services	*37,000*	*74,712*	*82,800*	83,900	-	-	43,700	3,400	-	10,300	26,500	-	-
Supplies & Materials	*98,500*	*69,693*	*77,000*	79,300	-	-	22,600	5,200	1,000	24,700	23,700	2,100	-
Small Tools & Equipment	*12,000*	*3,934*	*4,100*	4,200	-	-	-	-	-	-	4,200	-	-
Telemetry	*12,000*	*10,070*	*10,400*	10,700	-	-	-	10,700	-	-	-	-	-
Field Vehicle Expense	*31,000*	*33,823*	*34,900*	37,000	-	-	37,000	-	-	-	-	-	-
Miscellaneous	*20,500*	*26,235*	*27,200*	28,100	-	-	20,800	-	-	2,200	5,100	-	-
TOTAL OPERATIONS & MAINTENANCE	*211,000*	*218,468*	*236,400*	243,200	-	-	124,100	19,300	1,000	37,200	59,500	2,100	-
TAXES & FRANCHISE FEES													
Taxes	*365,048*	*365,631*	*384,252*	399,601	384,901	-	14,700	-	-	-	-	-	-
Franchise fees	*395,606*	*396,019*	*414,293*	430,709	430,709	-	-	-	-	-	-	-	-
TOTAL TAXES & FRANCHISE FEES	*760,654*	*761,649*	*798,545*	830,310	815,610	-	14,700	-	-	-	-	-	-
EMPLOYEE COSTS													
Travel & Training	*50,000*	*41,064*	*40,000*	40,000	22,800	-	17,200	-	-	-	-	-	-
Other Employee Costs	*7,600*	*12,769*	*11,300*	11,600	1,300	-	10,300	-	-	-	-	-	-
Temporary Employee Costs	*-*	*10,589*	*-*	-	-	-	-	-	-	-	-	-	-
Direct Payroll Costs	*1,281,780*	*1,312,230*	*1,308,400*	1,342,768	474,581	184,972	300,225	20,096	8,422	42,863	104,467	16,411	190,731
Payroll Benefits	*606,379*	*592,898*	*602,002*	642,864	242,994	81,825	230,152	4,481	1,882	9,606	23,425	3,675	44,826
Payroll Allocations to Capital Projects	*(25,794)*	*(218,936)*	*(229,111)*	(235,557)	-	-	-	-	-	-	-	-	(235,557)
TOTAL EMPLOYEE COSTS	*1,919,965*	*1,750,614*	*1,732,591*	1,801,675	741,674	266,798	557,877	24,577	10,303	52,469	127,892	20,086	(0)

North City WATER DISTRICT

2021 - BUDGET DETAIL

		2019 Budget	2019 YE Projected	2020 Budget	2021 Budget	Business Admin	Admin-General	Admin-Planning	Public Outreach Commissioners	Public Outreach - Programs	Finance - General	Finance - Planning/ Rates
							10	9	13	14	20	21
BUSINESS ADMINISTRATION												
Legal Services												
Prof Services - Legal - General	500100	12,000	10,256	11,000	11,200	11,200	11,200	-	-	-	-	-
Prof Services - Legal - Meetings	500101	24,000	35,384	28,000	28,800	28,800	28,800	-	-	-	-	-
Prof Services - Legal - Interlocal/Regional	500102	5,000	1,879	2,000	2,100	2,100	2,100	-	-	-	-	-
Prof Services - Legal - Personnel	500103	2,000	3,193	3,500	3,600	3,600	3,600	-	-	-	-	-
Prof Services - Legal - Public Records Requests	500104	3,000	-	-	-	-	-	-	-	-	-	-
Legal Services		46,000	50,712	44,500	45,700	45,700	45,700	-	-	-	-	-
Financial Services												
Prof Services-Financial	501100	40,000	40,724	41,900	43,200	43,200	43,200	-	-	-	-	-
Audit Services	501500	20,000	19,746	25,300	21,100	21,100	21,100	-	-	-	-	-
Financial Services		60,000	60,469	67,200	64,300	64,300	64,300	-	-	-	-	-
Insurance												
Insurance - Administrative	508100	113,000	118,042	121,600	124,000	124,000	124,000	-	-	-	-	-
Insurance - O&M	508200	-	-	-	-	-	-	-	-	-	-	-
Insurance		113,000	118,042	121,600	124,000	124,000	124,000	-	-	-	-	-
Elections												
Elections	510100	-	-	17,000	-	-	-	-	-	-	-	-
Elections		-	-	17,000	-	-	-	-	-	-	-	-
Miscellaneous & Other												
Miscellaneous	515100	700	588	600	618	618	618	-	-	-	-	-
Manager Expense	516100	300	246	300	309	309	309	-	-	-	-	-
Commissioner's Expense	516200	200	-	200	206	206	206	-	-	-	-	-
Advertising Expense	517100	3,000	1,034	1,000	1,030	1,030	1,030	-	-	-	-	-
Miscellaneous & Other		4,200	1,867	2,100	2,163	2,163	2,163	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION		223,200	231,091	252,400	236,163	236,163	236,163	-	-	-	-	-
PLANNING & DEVELOPMENT												
Prof Services - Code Book	520550	2,000	2,000	10,000	-	-	-	-	-	-	-	-
Prof Services - Unspecified Projects	520600	10,000	10,282	20,000	20,000	20,000	-	20,000	-	-	-	-
Peservation Planning Reserve	520999	50,000	50,000	50,000	50,000	50,000	-	50,000	-	-	-	-
Transfer to Preservation Reserve Acct		(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	-	(50,000)	-	-	-	-
Professional Services		12,000	12,282	30,000	20,000	20,000	-	20,000	-	-	-	-
				-								
Other Planning & Development												
Miscellneous Planning & Dev	522100	1,000	-	-	-	-	-	-	-	-	-	-
Other Planning & Development		1,000	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT		13,000	12,282	30,000	20,000	20,000	-	20,000	-	-	-	-
PUBLIC & REGIONAL OUTREACH												
Regional Dues & Memberships												
Dues/Membership/Cert.	523100	17,000	17,394	17,900	18,400	18,400	-	-	-	18,400	-	-
Miscellaneous/Other		1,000	-	-	-	-	-	-	-	-	-	-
Regional Dues & Memberships		18,000	17,394	17,900	18,400	18,400	-	-	-	18,400	-	-
Newsletters/Website/Special Events												
Newsletter Distribution & Other	524100	17,000	20,716	21,300	21,900	21,900	-	-	-	21,900	-	-
Newsletter Professtional Services	524101	5,000	1,971	2,000	2,100	2,100	-	-	-	2,100	-	-
Website - Other Costs	524200	2,000	617	600	600	600	-	-	-	600	-	-
Website Professional Services	524201	3,000	3,105	3,200	3,300	3,300	-	-	-	3,300	-	-
Special/Public Events	524300	8,000	10,396	10,700	11,000	11,000	100	-	-	10,900	-	-
Newsletters/Website/Special Events		35,000	36,805	37,800	38,900	38,900	100	-	-	38,800	-	-
Other Public Outreach												
Other Professional Services	525100	1,000	200	200	200	200	-	-	-	200	-	-
Micellaneous Public Outreach	525200	1,000	1,019	1,000	1,000	1,000	-	-	-	1,000	-	-
Other Public Outreach		2,000	1,219	1,200	1,200	1,200	-	-	-	1,200	-	-
TOTAL PUBLIC & REGIONAL OUTREACH		55,000	55,418	56,900	58,500	58,500	100	-	-	58,400	-	-
OFFICE & RECORDS MANAGEMENT												
General Office Expense												
Postage	530100	2,000	2,075	2,100	2,200	2,200	2,200	-	-	-	-	-
Courier Services	530200	500	360	400	400	400	400	-	-	-	-	-
Miscellaneous Office/Shop Expense	530300	1,000	548	600	600	600	600	-	-	-	-	-
Other Services - Payroll	530500	9,000	7,233	7,500	7,700	7,700	7,700	-	-	-	-	-
General Office Expense		12,500	10,217	10,600	10,900	10,900	10,900	-	-	-	-	-
Office Supplies & Equipment												
Office Supplies	531100	12,000	16,826	17,400	18,000	16,200	16,200	-	-	-	-	-
Publications and Newspapers	531200	650	205	200	200	200	200	-	-	-	-	-
Equipment & Small Tools	531300	5,000	2,120	2,200	2,300	2,300	2,300	-	-	-	-	-
Office Supplies & Equipment		17,650	19,151	19,800	20,500	18,700	18,700	-	-	-	-	-
Computer Systems												
Computer Supplies	532100	7,000	273	-	-	-	-	-	-	-	-	-
Computers & Printers	532200	1,000	3,188	3,200	3,300	2,200	2,200	-	-	-	-	-
Software	532300	14,000	5,522	5,700	5,800	4,600	4,600	-	-	-	-	-
Maintenance Agreements	532350	22,000	33,032	64,000	65,900	65,900	65,900	-	-	-	-	-
Professional Services - Computer	532400	65,000	65,981	68,000	70,100	40,000	40,000	-	-	-	-	-
Computer Systems		109,000	107,996	140,900	145,100	112,700	112,700	-	-	-	-	-
Phones & Internet												

	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	Labor - Alloc to Capital
		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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Interlocal/Regional	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Personnel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Public Records Requests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services																								
Prof Services-Financial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Audit Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance																								
Insurance - Administrative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - O&M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections																								
Elections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other																								
Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manager Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commissioner's Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Advertising Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT																								
Prof Services - Code Book	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Unspecified Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peservation Planning Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer to Preservation Reserve Acct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Planning & Development																								
Miscellneous Planning & Dev	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Planning & Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH																								
Regional Dues & Memberships																								
Dues/Membership/Cert.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regional Dues & Memberships	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events																								
Newsletter Distribution & Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletter Professtional Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website - Other Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website Professional Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special/Public Events	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-					-			-				-		-				-					-
Other Public Outreach	-					-			-				-		-				-					-
Other Professional Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Micellaneous Public Outreach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Public Outreach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUTREACH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT																								
General Office Expense																								
Postage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Courier Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous Office/Shop Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Services - Payroll	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Office Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Supplies & Equipment																								
Office Supplies	-	-	-	-	-	1,800	1,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Publications and Newspapers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment & Small Tools	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Supplies & Equipment	-	-	-	-	-	1,800	1,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems																								
Computer Supplies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computers & Printers	-	-	-	-	-	1,100	1,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Software	-	-	-	-	-	1,200	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance Agreements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services - Computer	-	-	-	-	-	30,100	30,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems	-	-	-	-	-	32,400	32,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-					-			-				-		-				-					-
Phones & Internet	-					-			-				-		-				-					-

North City WATER DISTRICT

2021 - BUDGET DETAIL

		2019 Budget	2019 YE Projected	2020 Budget	2021 Budget	Business Admin	Admin-General	Admin-Planning	Public Outreach Commissioners	Public Outreach - Programs	Finance - General	Finance - Planning/ Rates	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	Labor - Alloc to Capital
							10	9	13	14	20	21		50	51	53	31		30	42		41	37	38		39		33	34	43		32	36	40	35	
Cell Phones	534200	4,500	5,798	5,700	5,700	2,800	2,800	-	-	-	-	-	-	-	-	-	-	2,900	2,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alarm Monitoring	534300	3,000	5,592	5,700	5,800	1,600	1,600	-	-	-	-	-	-	-	-	-	-	4,200	4,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phone System & Internet	534400	28,000	30,371	31,300	32,200	20,300	20,300	-	-	-	-	-	-	-	-	-	-	11,900	11,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phones & Internet		35,500	41,761	42,700	43,700	24,700	24,700	-	-	-	-	-	-	-	-	-	-	19,000	19,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds - Maintenance & Operations																																				
Custodial																																				
Kitchen / Custodial Supplies	535200	5,000	6,118	6,300	6,500	6,500	6,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial Services	535300	15,000	14,910	15,400	15,900	10,200	10,200	-	-	-	-	-	-	-	-	-	-	5,700	5,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial		20,000	21,028	21,700	22,400	16,700	16,700	-	-	-	-	-	-	-	-	-	-	5,700	5,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites																																				
Utilities - Electric	536100	23,000	21,511	22,100	31,900	13,700	13,700	-	-	-	-	-	-	-	-	-	-	18,200	18,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Garbage	536200	6,000	7,658	7,900	12,200	4,000	4,000	-	-	-	-	-	-	-	-	-	-	8,200	8,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Sewer	536300	3,500	3,447	3,500	5,200	1,000	1,000	-	-	-	-	-	-	-	-	-	-	4,200	4,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Gas	536400	5,000	4,754	4,900	8,200	2,000	2,000	-	-	-	-	-	-	-	-	-	-	6,200	6,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites		37,500	37,370	38,400	57,500	20,700	20,700	-	-	-	-	-	-	-	-	-	-	36,800	36,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs																																				-
Maintenance - Buildings	537100	5,000	14,086	14,500	14,900	11,200	11,200	-	-	-	-	-	-	-	-	-	-	3,700	3,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance - Grounds	537200	7,000	7,234	7,500	17,700	7,100	7,100	-	-	-	-	-	-	-	-	-	-	10,600	10,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint & Repairs - General	537300	21,000	12,325	12,700	13,100	5,300	5,300	-	-	-	-	-	-	-	-	-	-	7,800	7,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs		33,000	33,646	34,700	45,700	23,600	23,600	-	-	-	-	-	-	-	-	-	-	22,100	22,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds Maint & Repair		90,500	92,043	94,800	125,600	61,000	61,000	-	-	-	-	-	-	-	-	-	-	64,600	64,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGEMENT		265,150	271,167	308,800	345,800	228,000	228,000	-	-	-	-	-	-	-	-	-	-	117,800	117,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING																																				
Billing																																				
Outside Billing	540100	35,000	40,656	41,900	43,200	-	-	-	-	-	-	-	43,200	-	43,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Postage	540200	-	452	500	500	-	-	-	-	-	-	-	500	-	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E-Payment Service	541400	31,000	36,625	37,700	38,800	-	-	-	-	-	-	-	38,800	-	38,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Billing		66,000	77,733	80,100	82,500	-	-	-	-	-	-	-	82,500	-	82,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Claims													-					-			-				-		-				-					-
Customer Claims	541300	13,000	1,500	1,500	1,500	-	-	-	-	-	-	-	1,500	-	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Claims		13,000	1,500	1,500	1,500	-	-	-	-	-	-	-	1,500	-	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting													-					-			-				-		-				-					-
Consumer Confidence Report	545100	8,500	6,901	7,100	6,800	-	-	-	-	-	-	-	6,800	-	-	6,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting		8,500	6,901	7,100	6,800	-	-	-	-	-	-	-	6,800	-	-	6,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BILLING		87,500	86,134	88,700	90,800	-	-	-	-	-	-	-	90,800	-	84,000	6,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PURCHASED WATER & POWER																																				
Water																																				-
SPU	550100	1,512,000	1,415,479	1,557,572	1,666,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,666,600	1,666,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter Upgrades	550200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water		1,512,000	1,415,479	1,557,572	1,666,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,666,600	1,666,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power																																				-
Purchased Power	555100	36,000	70,642	72,800	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000	-	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-
Power		36,000	70,642	72,800	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000	-	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASED WATER & POWER		1,548,000	1,486,120	1,630,372	1,741,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,741,600	1,666,600	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS & MAINTENANCE																																				
Professtional & Other Outside Services																																				
Engineering Services	560100	7,000	-	7,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	7,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services - CWA	560102	28,000	36,660	36,700	36,700	-	-	-	-	-	-	-	-	-	-	-	-	36,700	36,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	560200	2,000	38,052	39,100	40,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,400	-	3,400	-	-	-	10,300	10,300	-	-	26,500	4,600	18,300	3,600	-	-
Professtional & Other Outside Services		37,000	74,712	82,800	83,900	-	-	-	-	-	-	-	-	-	-	-	-	43,700	43,700	-	3,400	-	3,400	-	-	-	10,300	10,300	-	-	26,500	4,600	18,300	3,600	-	-
Supplies & Materials																																				
Supplies - O&M by Function	565100	82,500	47,341	54,300	55,900	-	-	-	-	-	-	-	-	-	-	-	-	21,900	13,800	8,100	5,200	2,700	2,500	-	1,000	1,000	9,800	9,800	-	-	15,900	8,500	3,300	4,100	2,100	-
Supplies - Inventory by Function	565110	16,000	22,352	22,700	23,400	-	-	-	-	-	-	-	-	-	-	-	-	700	700	-	-	-	-	-	-	-	14,900	3,600	11,300	-	7,800	1,800	6,000	-	-	-
Supplies & Materials		98,500	69,693	77,000	79,300	-	-	-	-	-	-	-	-	-	-	-	-	22,600	14,500	8,100	5,200	2,700	2,500	-	1,000	1,000	24,700	13,400	11,300	-	23,700	10,300	9,300	4,100	2,100	-
Small Tools & Equipment																																				
Small Tools & Equipment	568100	12,000	3,934	4,100	4,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,200	-	-	4,200	-	-
Small Tools & Equipment		12,000	3,934	4,100	4,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,200	-	-	4,200	-	-
Communications																																				
Telemetry	570100	12,000	10,070	10,400	10,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,700	-	-	10,700	-	-	-	-	-	-	-	-	-	-	-	-
Telemetry		12,000	10,070	10,400	10,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,700	-	-	10,700	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense																																				
Fuel Consumed - Vehicles	572100	18,000	18,526	19,100	19,700	-	-	-	-	-	-	-	-	-	-	-	-	19,700	19,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil - field Vehicles	572101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maint - Vehicles	572200	13,000	15,297	15,800	17,300	-	-	-	-	-	-	-	-	-	-	-	-	17,300	17,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense		31,000	33,823	34,900	37,000	-	-	-	-	-	-	-	-	-	-	-	-	37,000	37,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous																																				
Locates, Permits & Inspections	574100	8,500	9,495	9,900	10,300	-	-	-	-	-	-	-	-	-	-	-	-	3,000	3,000	-	-	-	-	-	-	-	2,200	2,200	-	-	5,100	2,900	2,200	-	-	-
Other	574110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Fee	574200	12,000	12,900	13,300	13,700	-	-	-	-	-	-	-	-	-	-	-	-	13,700	13,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous and Other	574300	-	3,841	4,000	4,100	-	-	-	-	-	-	-	-	-	-	-	-	4,100	4,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous		20,500	26,235	27,200	28,100	-	-	-	-	-	-	-	-	-	-	-	-	20,800	20,800	-	-	-	-	-	-	-	2,200	2,200	-	-	5,100	2,900	2,200	-	-	-

North City Water District

2021 - BUDGET DETAIL

	Acct	2019 Budget	2019 YE Projected	2020 Budget	2021 Budget	Business Admin	Admin-General	Admin-Planning	Public Outreach Commissioners	Public Outreach - Programs	Finance - General	Finance - Planning/ Rates	Cust Service & Billing	Cust Service - General	Cust Service - Billing	Cust Service - Reporting	Field Customer Service
							10	9	13	14	20	21		50	51	53	31
TOTAL OPERATIONS & MAINTENANCE		211,000	218,468	236,400	243,200	-	-	-	-	-	-	-	-	-	-	-	-
TAXES & FRANCHISE FEES																	
Taxes																	
Taxes	575100	352,048	348,167	366,052	380,601	380,601	380,601	-	-	-	-	-	-	-	-	-	-
Property Taxes	575200	13,000	17,464	18,200	19,000	4,300	4,300	-	-	-	-	-	-	-	-	-	-
Taxes		365,048	365,631	384,252	399,601	384,901	384,901	-	-	-	-	-	-	-	-	-	-
					4.0%												
Franchise fees																	
Franchise Expense - SHO	577100	300,606	303,021	317,593	330,109	330,109	330,109	-	-	-	-	-	-	-	-	-	-
Franchise Expense - LFP	577200	95,000	92,998	96,700	100,600	100,600	100,600	-	-	-	-	-	-	-	-	-	-
Franchise fees		395,606	396,019	414,293	430,709	430,709	430,709	-	-	-	-	-	-	-	-	-	-
					4.0%												
TOTAL TAXES & FRANCHISE FEES		760,654	761,649	798,545	830,310	815,610	815,610	-	-	-	-	-	-	-	-	-	-
EMPLOYEE COSTS																	
Travel & Training																	
Publications, Books, Manuals	580100	1,000	302	300	300	300	300	-	-	-	-	-	-	-	-	-	-
Training	580200	6,000	1,332	1,200	1,200	400	400	-	-	-	-	-	-	-	-	-	-
Travel	580300	24,000	20,150	19,700	19,700	11,100	10,100	-	200	-	800	-	-	-	-	-	-
Per Diem	580400	5,000	7,451	7,500	7,500	3,000	2,700	-	-	-	300	-	-	-	-	-	-
Per Diem	580401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Registration	580500	14,000	11,830	11,300	11,300	8,000	6,200	-	-	-	1,800	-	-	-	-	-	-
Underexpenditure		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel & Training		50,000	41,064	40,000	40,000	22,800	19,700	-	200	-	2,900	-	-	-	-	-	-
Other Employee Costs																	
Drug Testing	585100	1,000	578	1,000	1,000	400	400	-	-	-	-	-	-	-	-	-	-
Hearing Tests	585200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uniforms	585300	5,600	8,027	8,600	8,900	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	585400	1,000	4,164	1,700	1,700	900	900	-	-	-	-	-	-	-	-	-	-
Other Employee Costs		7,600	12,769	11,300	11,600	1,300	1,300	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs																	
Employement Agency Costs	589100	-	10,589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs		-	10,589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
` Direct Payroll Costs																	
Regular Pay	590100	928,884	945,869	944,132	978,906	436,276	174,433	-	22,471	27,200	212,172	-	159,288	121,549	-	-	37,739
Regular Pay for Capital		114,347	148,271	161,087	155,601		-	-	-	-	-	-		-	-	-	-
Holiday Pay	590110	51,277	51,293	52,188	53,493	16,493	6,601	-	-	2,135	7,757	-	6,701	6,701	-	-	-
Sick Pay	590120	30,333	19,563	20,508	21,021	5,680	315	-	-	1,836	3,530	-	2,746	2,746	-	-	-
Vacation Pay	590130	107,159	95,263	77,631	79,572	6,494	-	-	-	1,826	4,668	-	10,936	10,936	-	-	-
On-Call	590300	19,187	19,278	19,278	19,760	-	-	-	-	-	-	-	-	-	-	-	-
Overtime	590700	30,594	32,693	33,576	34,415	9,638	816	-	-	6,975	1,846	-	5,301	2,227	-	-	3,074
Direct Payroll Costs		1,281,780	1,312,230	1,308,400	1,342,768	474,581	182,165	-	22,471	39,972	229,972	-	184,972	144,159	-	-	40,813
				% of Budget->			-	-	-	-	-	-					
Payroll Benefits							-	-	-	-	-	-					
FICA	595100	71,016	70,697	69,597	72,090	29,367	11,284	-	1,399	2,441	14,244	-	11,431	8,914	-	-	2,517
Medicare	595200	21,555	16,939	16,709	17,308	7,046	2,698	-	333	590	3,424	-	2,740	2,137	-	-	603
HCA/VEBA (Medical Insurance)	595300	306,000	301,500	306,000	322,830	132,930	18,990	-	56,970	18,990	37,980	-	37,980	37,980	-	-	-
PERS	595400	142,967	137,284	149,751	159,490	62,709	23,822	-	2,841	5,220	30,827	-	24,189	18,862	-	-	5,327
Pension Expense Adj GASB 68	595401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Insurance	595600	19,184	12,661	12,879	13,195	5,358	2,126	-	261	467	2,504	-	2,148	1,673	-	-	475
Unemployment	595700	1,733	1,645	1,668	1,728	703	265	-	36	53	348	-	275	213	-	-	62
WA Disability	595750	-	2,758	2,710	2,778	1,131	450	-	56	99	526	-	452	352	-	-	100
Clothing Allowance	595800	7,500	7,500	7,000	7,000	2,000	500	-	-	500	1,000	-	1,000	1,000	-	-	-
Cell Phone Allowance	595900	9,990	9,060	9,360	9,360	1,750	-	-	-	770	980	-	1,610	1,610	-	-	-
Payroll Benefits for Capital		26,435	32,854	26,327	37,086	-	-	-	-	-	-	-	-	-	-	-	-
Payroll Benefits		606,379	592,898	602,002	642,864	242,994	60,135	-	61,897	29,131	91,831	-	81,825	72,740	-	-	9,085
Payroll Allocations to Capital Projects		(25,794)	(218,936)	(39,984)	(235,557)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL EMPLOYEE COSTS		1,919,965	1,750,614	1,921,718	1,801,675	741,674	263,300	-	84,568	69,103	324,704	-	266,798	216,899	-	-	49,899
TOTAL OPERATING COSTS		5,083,469	4,872,943	5,323,836	5,368,048	2,099,947	1,543,172	20,000	84,568	127,503	324,704	-	357,598	216,899	84,000	6,800	49,899

	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	Labor - Alloc to Capital
		30	42		41	37	38		39		33	34	43		32	36	40	35	
TOTAL OPERATIONS & MAINTENANCE	124,100	116,000	8,100	19,300	2,700	5,900	10,700	1,000	1,000	37,200	25,900	11,300	-	59,500	17,800	29,800	11,900	2,100	-
TAXES & FRANCHISE FEES																			
Taxes																			
Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	14,700	14,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taxes	14,700	14,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees																			
Franchise Expense - SHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise Expense - LFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																			-
TOTAL TAXES & FRANCHISE FEES	14,700	14,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPLOYEE COSTS																			
Travel & Training																			
Publications, Books, Manuals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel	8,600	8,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	4,500	4,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Registration	3,300	3,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Underexpenditure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel & Training	17,200	17,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs																			
Drug Testing	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hearing Tests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uniforms	8,900	8,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	10,300	10,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs																			
Employement Agency Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
` Direct Payroll Costs																			
Regular Pay	171,749	164,210	7,539	18,315	-	14,622	3,692	8,422	8,422	42,134	7,570	15,908	18,656	91,815	5,184	54,246	32,385	16,262	34,646
Regular Pay for Capital	-	-	-		-	-	-		-		-	-	-		-	-	-	-	155,601
Holiday Pay	30,299	30,299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sick Pay	12,594	12,594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vacation Pay	62,142	62,142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
On-Call	19,760	19,760	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overtime	3,681	3,681	-	1,781	-	1,666	115	-	-	729	114	436	179	12,652	6,730	5,848	74	149	484
Direct Payroll Costs	300,225	292,685	7,539	20,096	-	16,289	3,807	8,422	8,422	42,863	7,685	16,344	18,834	104,467	11,915	60,094	32,458	16,411	190,731
Payroll Benefits																			
FICA	17,207	16,757	450	1,251	-	1,016	235	522	522	2,683	484	1,023	1,175	6,513	743	3,764	2,007	1,019	2,097
Medicare	4,155	4,044	111	296	-	240	56	124	124	638	114	244	281	1,548	180	888	479	244	518
HCA/VEBA (Medical Insurance)	151,920	151,920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERS	42,807	41,818	989	2,620	-	2,122	498	1,103	1,103	5,607	999	2,138	2,469	13,710	1,571	7,891	4,247	2,153	4,592
Pension Expense Adj GASB 68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Insurance	3,014	2,927	87	232	-	188	44	95	95	506	91	193	223	1,244	142	719	383	194	404
Unemployment	420	410	9	33	-	27	6	17	17	63	12	23	28	147	20	83	44	24	46
WA Disability	630	611	19	49	-	40	9	21	21	109	19	41	48	263	31	152	80	41	83
Clothing Allowance	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cell Phone Allowance	6,000	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Payroll Benefits for Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37,086
Payroll Benefits	230,152	228,486	1,666	4,481	-	3,634	847	1,882	1,882	9,606	1,719	3,662	4,224	23,425	2,687	13,497	7,241	3,675	44,826
Payroll Allocations to Capital Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(235,557)
TOTAL EMPLOYEE COSTS	557,877	548,672	9,205	24,577	-	19,922	4,655	#####	10,303	52,469	9,404	20,007	23,059	127,892	14,602	73,591	39,699	20,086	-
TOTAL OPERATING COSTS	814,477	797,172	17,305	1,785,477	1,669,300	100,822	15,355	#####	11,303	89,669	35,304	31,307	23,059	187,392	32,402	103,391	51,599	22,186	-

Operating Costs by Object *(Type)* and Function *(Purpose)*

2022 - Budget - Summary

North City Water District

	2019 YE Projected	*2020 Budget*	*2021 Budget*	2022 Budget	Business Admin	Cust Service & Billing	O&M General & Admin	Source of Supply & Pump	Storage	Meters & Services	Dist System	Hydrants	Labor - Alloc to Capital
BUSINESS ADMINISTRATION													
Legal Services	50,712	44,500	45,700	47,100	47,100	-	-	-	-	-	-	-	-
Financial Services	60,469	67,200	64,300	69,300	69,300	-	-	-	-	-	-	-	-
Insurance	118,042	121,600	124,000	126,500	126,500	-	-	-	-	-	-	-	-
Elections	-	17,000	-	18,000	18,000	-	-	-	-	-	-	-	-
Miscellaneous & Other	1,867	2,100	2,163	2,228	2,228	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION	231,091	252,400	236,163	263,128	263,128	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT													
Professional Services	12,282	30,000	20,000	20,000	20,000	-	-	-	-	-	-	-	-
Other Planning & Development	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT	12,282	30,000	20,000	20,000	20,000	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH													
Regional Dues & Memberships	17,394	17,900	18,400	19,000	19,000	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events	36,805	37,800	38,900	40,100	40,100	-	-	-	-	-	-	-	-
Other Public Outreach	1,219	1,200	1,200	1,200	1,200	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUTREACH	55,418	56,900	58,500	60,300	60,300	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT													
General Office Expense	10,217	10,600	10,900	11,200	11,200	-	-	-	-	-	-	-	-
Office Supplies & Equipment	19,151	19,800	20,500	22,200	20,300	-	1,900	-	-	-	-	-	-
Computer Systems	107,996	140,900	145,100	149,400	116,100	-	33,300	-	-	-	-	-	-
Phones & Internet	41,761	42,700	43,700	45,000	25,400	-	19,600	-	-	-	-	-	-
Building & Grounds Maint & Repair	92,043	94,800	125,600	128,700	62,300	-	66,400	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGEMEN	271,167	308,800	345,800	356,500	235,300	-	121,200	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING			-										
Billing	77,733	80,100	82,500	85,000	-	85,000	-	-	-	-	-	-	-
Reporting	6,901	7,100	6,800	6,800	-	6,800	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BILLING	86,134	88,700	90,800	93,300	-	93,300	-	-	-	-	-	-	-
PURCHASED WATER & POWER													
Water	1,415,479	1,557,572	1,666,600	1,783,300	-	-	-	1,783,300	-	-	-	-	-
Power	70,642	72,800	75,000	75,000	-	-	-	75,000	-	-	-	-	-
TOTAL PURCHASED WATER & POWER	1,486,120	1,630,372	1,741,600	1,858,300	-	-	-	1,858,300	-	-	-	-	-
OPERATIONS & MAINTENANCE													
Professtional & Other Outside Servic	74,712	82,800	83,900	85,000	-	-	43,700	3,500	-	10,600	27,200	-	-
Supplies & Materials	69,693	77,000	79,300	81,700	-	-	23,200	5,400	1,000	25,400	24,500	2,200	-
Small Tools & Equipment	3,934	4,100	4,200	4,300	-	-	-	-	-	-	4,300	-	-
Telemetry	10,070	10,400	10,700	11,000	-	-	-	11,000	-	-	-	-	-
Field Vehicle Expense	33,823	34,900	37,000	38,100	-	-	38,100	-	-	-	-	-	-
Miscellaneous	26,235	27,200	28,100	28,100	-	-	20,800	-	-	2,200	5,100	-	-
TOTAL OPERATIONS & MAINTENANCE	218,468	236,400	243,200	248,200	-	-	125,800	19,900	1,000	38,200	61,100	2,200	-
TAXES & FRANCHISE FEES													
Taxes	365,631	384,252	399,601	415,535	400,235	-	15,300	-	-	-	-	-	-
Franchise fees	396,019	414,293	430,709	447,949	447,949	-	-	-	-	-	-	-	-
TOTAL TAXES & FRANCHISE FEES	761,649	798,545	830,310	863,484	848,184	-	15,300	-	-	-	-	-	-
EMPLOYEE COSTS													
Travel & Training	41,064	40,000	40,000	40,000	22,800	-	17,200	-	-	-	-	-	-
Other Employee Costs	12,769	11,300	11,600	11,600	1,300	-	10,300	-	-	-	-	-	-
Temporary Employee Costs	10,589	-	-	-	-	-	-	-	-	-	-	-	-
Direct Payroll Costs	1,312,230	1,308,400	1,342,768	1,388,501	498,614	189,597	307,730	20,598	8,632	43,935	107,079	16,822	195,494
Payroll Benefits	592,898	602,002	642,864	660,468	251,313	83,751	233,442	4,690	1,969	10,054	24,517	3,846	46,885
Payroll Allocations to Capital Project	(218,936)	(229,111)	(235,557)	(242,379)	-	-	-	-	-	-	-	-	(242,379)
TOTAL EMPLOYEE COSTS	1,750,614	1,732,591	1,801,675	1,858,189	774,027	273,348	568,672	25,288	10,602	53,988	131,596	20,668	0

North City WATER DISTRICT

2022 - BUDGET DETAIL

Operating Costs by Object *(Type)* and Function *(Purpose)*

2022 - Budget - Detail

		2019 YE Projected	2020 Budget	2021 Budget	2022 Budget	Business Admin	Admin-General	Admin-Planning	Outreach Commissioners	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	Labor - Alloc to Capital
						Function ->	10	9	13	14	20		50	51	53	31		30	42		41	37	38		39		33	34	43		32	36	40	35	
BUSINESS ADMINISTRATION	Object																																		
Legal Services																																			
Prof Services - Legal - General	500100	10,256	11,000	11,200	11,500	11,500	11,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Meetings	500101	35,384	28,000	28,800	29,700	29,700	29,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Interlocal/Regional	500102	1,879	2,000	2,100	2,200	2,200	2,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Personnel	500103	3,193	3,500	3,600	3,700	3,700	3,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Public Records Requests	500104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal Services		50,712	44,500	45,700	47,100	47,100	47,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services																																			
Prof Services-Financial	501100	40,724	41,900	43,200	43,200	43,200	43,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Audit Services	501500	19,746	25,300	21,100	26,100	26,100	26,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services		60,469	67,200	64,300	69,300	69,300	69,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance																																			
Insurance - Administrative	508100	118,042	121,600	124,000	126,500	126,500	126,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - O&M	508200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance		118,042	121,600	124,000	126,500	126,500	126,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections																																			
Elections	510100	-	17,000	-	18,000	18,000	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections		-	17,000	-	18,000	18,000	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other																																			
Miscellaneous	515100	588	600	618	637	637	637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manager Expense	516100	246	300	309	318	318	318	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commissioner's Expense	516200	-	200	206	212	212	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Advertising Expense	517100	1,034	1,000	1,030	1,061	1,061	1,061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other		1,867	2,100	2,163	2,228	2,228	2,228	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION		231,091	252,400	236,163	263,128	263,128	263,128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT																																			
Professional Services																																			
Prof Services - Code Book	520550	2,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Unspecified Projects	520600	10,282	20,000	20,000	20,000	20,000	-	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peservation Planning Reserve	520999	50,000	50,000	50,000	50,000	50,000	-	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer to Preservation Reserve Acct		(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	-	(50,000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services		12,282	30,000	20,000	20,000	20,000	-	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-																															
Other Planning & Development																																			
Miscellneous Planning & Dev	522100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Planning & Development		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT		12,282	30,000	20,000	20,000	20,000	-	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH																																			
Regional Dues & Memberships																																			
Dues/Membership/Cert.	523100	17,394	17,900	18,400	19,000	19,000	-	-	-	19,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous/Other		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regional Dues & Memberships		17,394	17,900	18,400	19,000	19,000	-	-	-	19,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events																																			
Newsletter Distribution & Other	524100	20,716	21,300	21,900	22,600	22,600	-	-	-	22,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletter Professtional Services	524101	1,971	2,000	2,100	2,200	2,200	-	-	-	2,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website - Other Costs	524200	617	600	600	600	600	-	-	-	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website Professional Services	524201	3,105	3,200	3,300	3,400	3,400	-	-	-	3,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special/Public Events	524300	10,396	10,700	11,000	11,300	11,300	100	-	-	11,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events		36,805	37,800	38,900	40,100	40,100	100	-	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
												-								-				-		-				-					-
Other Public Outreach												-								-				-		-				-					-
Other Professional Services	525100	200	200	200	200	200	-	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Micellaneous Public Outreach	525200	1,019	1,000	1,000	1,000	1,000	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Public Outreach		1,219	1,200	1,200	1,200	1,200	-	-	-	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUTREACH		55,418	56,900	58,500	60,300	60,300	100	-	-	60,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT																																			
General Office Expense																																			
Postage	530100	2,075	2,100	2,200	2,300	2,300	2,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Courier Services	530200	360	400	400	400	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous Office/Shop Expense	530300	548	600	600	600	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Services - Payroll	530500	7,233	7,500	7,700	7,900	7,900	7,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Office Expense		10,217	10,600	10,900	11,200	11,200	11,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Supplies & Equipment																																			
Office Supplies	531100	16,826	17,400	18,000	18,600	16,700	16,700	-	-	-	-	-	-	-	-	-	1,900	1,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Publications and Newspapers	531200	205	200	200	200	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Supplies & Equipment		19,151	19,800	20,500	22,200	20,300	20,300	-	-	-	-	-	-	-	-	-	1,900	1,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems																																			
Computer Supplies	532100	273	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computers & Printers	532200	3,188	3,200	3,300	3,400	2,300	2,300	-	-	-	-	-	-	-	-	-	1,100	1,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Software	532300	5,522	5,700	5,800	5,900	4,700	4,700	-	-	-	-	-	-	-	-	-	1,200	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance Agreements	532350	33,032	64,000	65,900	67,900	67,900	67,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services - Computer	532400	65,981	68,000	70,100	72,200	41,200	41,200	-	-	-	-	-	-	-	-	-	31,000	31,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

North City WATER DISTRICT

2022 - BUDGET DETAIL

Operating Costs by Object *(Type)* and Function *(Purpose)*

2022 - Budget - Detail

		2019 YE Projected	2020 Budget	2021 Budget	2022 Budget	Business Admin	Admin-General	Admin-Planning	Outreach Commissioners	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	Labor - Alloc to Capital
						Function ->	10	9	13	14	20		50	51	53	31		30	42		41	37	38		39		33	34	43		32	36	40	35	
Computer Systems		107,996	140,900	145,100	149,400	116,100	116,100	-	-	-	-	-	-	-	-	-	33,300	33,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phones & Internet																																			
Cell Phones	534200	5,798	5,700	5,700	5,900	2,900	2,900	-	-	-	-	-	-	-	-	-	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alarm Monitoring	534300	5,592	5,700	5,800	5,900	1,600	1,600	-	-	-	-	-	-	-	-	-	4,300	4,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phone System & Internet	534400	30,371	31,300	32,200	33,200	20,900	20,900	-	-	-	-	-	-	-	-	-	12,300	12,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phones & Internet		41,761	42,700	43,700	45,000	25,400	25,400	-	-	-	-	-	-	-	-	-	19,600	19,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds - Maintenance & Operations																																			
Custodial																																			
Kitchen / Custodial Supplies	535200	6,118	6,300	6,500	6,700	6,700	6,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial Services	535300	14,910	15,400	15,900	16,400	10,500	10,500	-	-	-	-	-	-	-	-	-	5,900	5,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial		21,028	21,700	22,400	23,100	17,200	17,200	-	-	-	-	-	-	-	-	-	5,900	5,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites																																			
Utilities - Electric	536100	21,511	22,100	31,900	32,800	14,100	14,100	-	-	-	-	-	-	-	-	-	18,700	18,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Garbage	536200	7,658	7,900	12,200	12,500	4,100	4,100	-	-	-	-	-	-	-	-	-	8,400	8,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Sewer	536300	3,447	3,500	5,200	4,800	500	500	-	-	-	-	-	-	-	-	-	4,300	4,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Gas	536400	4,754	4,900	8,200	8,500	2,100	2,100	-	-	-	-	-	-	-	-	-	6,400	6,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites		37,370	38,400	57,500	58,600	20,800	20,800	-	-	-	-	-	-	-	-	-	37,800	37,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs																																			
Maintenance - Buildings	537100	14,086	14,500	14,900	15,300	11,500	11,500	-	-	-	-	-	-	-	-	-	3,800	3,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance - Grounds	537200	7,234	7,500	17,700	18,200	7,300	7,300	-	-	-	-	-	-	-	-	-	10,900	10,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint & Repairs - General	537300	12,325	12,700	13,100	13,500	5,500	5,500	-	-	-	-	-	-	-	-	-	8,000	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs		33,646	34,700	45,700	47,000	24,300	24,300	-	-	-	-	-	-	-	-	-	22,700	22,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds Maint & Repair		92,043	94,800	125,600	128,700	62,300	62,300	-	-	-	-	-	-	-	-	-	66,400	66,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGEMENT		271,167	308,800	345,800	356,500	235,300	235,300	-	-	-	-	-	-	-	-	-	121,200	121,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING																																			
Billing																																			
Outside Billing	540100	40,656	41,900	43,200	44,500	-	-	-	-	-	-	44,500	-	44,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Postage	540200	452	500	500	500	-	-	-	-	-	-	500	-	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E-Payment Service	541400	36,625	37,700	38,800	40,000	-	-	-	-	-	-	40,000	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Billing		77,733	80,100	82,500	85,000	-	-	-	-	-	-	85,000	-	85,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Claims																																			
Customer Claims	541300	1,500	1,500	1,500	1,500	-	-	-	-	-	-	1,500	-	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Claims		1,500	1,500	1,500	1,500	-	-	-	-	-	-	1,500	-	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting																																			
Consumer Confidence Report	545100	6,901	7,100	6,800	6,800	-	-	-	-	-	-	6,800	-	-	6,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting		6,901	7,100	6,800	6,800	-	-	-	-	-	-	6,800	-	-	6,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BILLING		86,134	88,700	90,800	93,300	-	-	-	-	-	-	93,300	-	86,500	6,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PURCHASED WATER & POWER																																			
Water																																			
SPU	550100	1,415,479	1,557,572	1,666,600	1,783,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,783,300	1,783,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter Upgrades	550200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water		1,415,479	1,557,572	1,666,600	1,783,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,783,300	1,783,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power																																			
Purchased Power	555100	70,642	72,800	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000	-	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-
Power		70,642	72,800	75,000	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000	-	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASED WATER & POWER		1,486,120	1,630,372	1,741,600	1,858,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,858,300	1,783,300	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS & MAINTENANCE																																			
Professtional & Other Outside Services																																			
Engineering Services	560100	-	7,000	7,000	7,000	-	-	-	-	-	-	-	-	-	-	-	7,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services - CWA	560102	36,660	36,700	36,700	36,700	-	-	-	-	-	-	-	-	-	-	-	36,700	36,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	560200	38,052	39,100	40,200	41,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,500	-	3,500	-	-	-	10,600	10,600	-	-	27,200	4,700	18,800	3,700	-	-
Professtional & Other Outside Services		74,712	82,800	83,900	85,000	-	-	-	-	-	-	-	-	-	-	-	43,700	43,700	-	3,500	-	3,500	-	-	-	10,600	10,600	-	-	27,200	4,700	18,800	3,700	-	-
Supplies & Materials																																			
Supplies - O&M by Function	565100	47,341	54,300	55,900	57,600	-	-	-	-	-	-	-	-	-	-	-	22,500	14,200	8,300	5,400	2,800	2,600	-	1,000	1,000	10,100	10,100	-	-	16,400	8,800	3,400	4,200	2,200	-
Supplies - Inventory by Function	565110	22,352	22,700	23,400	24,100	-	-	-	-	-	-	-	-	-	-	-	700	700	-	-	-	-	-	-	-	15,300	3,700	11,600	-	8,100	1,900	6,200	-	-	-
Supplies & Materials		69,693	77,000	79,300	81,700	-	-	-	-	-	-	-	-	-	-	-	23,200	14,900	8,300	5,400	2,800	2,600	-	1,000	1,000	25,400	13,800	11,600	-	24,500	10,700	9,600	4,200	2,200	-
Small Tools & Equipment																																			
Small Tools & Equipment	568100	3,934	4,100	4,200	4,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,300	-	-	4,300	-	-
Small Tools & Equipment		3,934	4,100	4,200	4,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,300	-	-	4,300	-	-
Communications																																			
Telemetry	570100	10,070	10,400	10,700	11,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,000	-	-	11,000	-	-	-	-	-	-	-	-	-	-	-	-
Telemetry		10,070	10,400	10,700	11,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,000	-	-	11,000	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense																																			
Fuel Consumed - Vehicles	572100	18,526	19,100	19,700	20,300	-	-	-	-	-	-	-	-	-	-	-	20,300	20,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maint - Vehicles	572200	15,297	15,800	17,300	17,800	-	-	-	-	-	-	-	-	-	-	-	17,800	17,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense		33,823	34,900	37,000	38,100	-	-	-	-	-	-	-	-	-	-	-	38,100	38,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous																																			

North City WATER DISTRICT

2022 - BUDGET DETAIL

Operating Costs by Object *(Type)* and Function *(Purpose)*

2022 - Budget - Detail

		2019 YE Projected	2020 Budget	2021 Budget	2022 Budget	Business Admin	Admin-General	Admin-Planning	Outreach Commissioners	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	Labor - Alloc to Capital
						Function ->	10	9	13	14	20		50	51	53	31		30	42		41	37	38		39		33	34	43		32	36	40	35	
Locates, Permits & Inspections	574100	9,495	9,900	10,300	10,300	-	-	-	-	-	-	-	-	-	-	-	3,000	3,000	-	-	-	-	-	-	-	2,200	2,200	-	-	5,100	2,900	2,200	-	-	-
Other	574110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Fee	574200	12,900	13,300	13,700	13,700	-	-	-	-	-	-	-	-	-	-	-	13,700	13,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous and Other	574300	3,841	4,000	4,100	4,100	-	-	-	-	-	-	-	-	-	-	-	4,100	4,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous		26,235	27,200	28,100	28,100	-	-	-	-	-	-	-	-	-	-	-	20,800	20,800	-	-	-	-	-	-	-	2,200	2,200	-	-	5,100	2,900	2,200	-	-	-
TOTAL OPERATIONS & MAINTENANCE		218,468	236,400	243,200	248,200	-	-	-	-	-	-	-	-	-	-	-	125,800	117,500	8,300	19,900	2,800	6,100	11,000	1,000	1,000	38,200	26,600	11,600	-	61,100	18,300	30,600	12,200	2,200	-
TAXES & FRANCHISE FEES																																			
Taxes					4.0%																														
Taxes	575100	348,167	366,052	380,601	395,735	395,735	395,735	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	575200	17,464	18,200	19,000	19,800	4,500	4,500	-	-	-	-	-	-	-	-	-	15,300	15,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taxes		365,631	384,252	399,601	415,535	400,235	400,235	-	-	-	-	-	-	-	-	-	15,300	15,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					4.2%																														
Franchise fees																																			
Franchise Expense - SHO	577100	303,021	317,593	330,109	343,349	343,349	343,349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise Expense - LFP	577200	92,998	96,700	100,600	104,600	104,600	104,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees		396,019	414,293	430,709	447,949	447,949	447,949	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					4.0%																														-
TOTAL TAXES & FRANCHISE FEES		761,649	798,545	830,310	863,484	848,184	848,184	-	-	-	-	-	-	-	-	-	15,300	15,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					-100.0%																														
EMPLOYEE COSTS																																			
Travel & Training																																			
Publications, Books, Manuals	580100	302	300	300	300	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training	580200	1,332	1,200	1,200	1,200	400	400	-	-	-	-	-	-	-	-	-	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel	580300	20,150	19,700	19,700	19,700	11,100	10,100	-	200	-	800	-	-	-	-	-	8,600	8,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	580400	7,451	7,500	7,500	7,500	3,000	2,700	-	-	-	300	-	-	-	-	-	4,500	4,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	580401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Registration	580500	11,830	11,300	11,300	11,300	8,000	6,200	-	-	-	1,800	-	-	-	-	-	3,300	3,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel & Training		41,064	40,000	40,000	40,000	22,800	19,700	-	200	-	2,900	-	-	-	-	-	17,200	17,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs																																			
Drug Testing	585100	578	1,000	1,000	1,000	400	400	-	-	-	-	-	-	-	-	-	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hearing Tests	585200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uniforms	585300	8,027	8,600	8,900	8,900	-	-	-	-	-	-	-	-	-	-	-	8,900	8,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	585400	4,164	1,700	1,700	1,700	900	900	-	-	-	-	-	-	-	-	-	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs		12,769	11,300	11,600	11,600	1,300	1,300	-	-	-	-	-	-	-	-	-	10,300	10,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs																																			
Employement Agency Costs	589100	10,589	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs		10,589	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
` Direct Payroll Costs																																			
Regular Pay	590100	945,869	944,132	978,906	1,015,547	459,352	178,794	-	22,471	27,880	230,207	163,270	124,588	-	-	38,682	176,043	168,315	7,728	18,772	-	14,988	3,785	8,632	8,632	43,187	7,760	16,306	19,122	94,111	5,314	55,602	33,194	16,668	35,512
Regular Pay for Capital		148,271	161,087	155,601	159,486		-	-	-	-	-		-	-	-	-		-	-		-	-	-		-		-	-	-		-	-	-	-	159,486
Holiday Pay	590110	51,293	52,188	53,493	54,830	16,905	6,766	-	-	2,189	7,950	6,869	6,869	-	-	-	31,056	31,056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sick Pay	590120	19,563	20,508	21,021	21,546	5,822	323	-	-	1,881	3,618	2,815	2,815	-	-	-	12,909	12,909	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vacation Pay	590130	95,263	77,631	79,572	81,561	6,656	-	-	-	1,872	4,784	11,210	11,210	-	-	-	63,695	63,695	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
On-Call	590300	19,278	19,278	19,760	20,254	-	-	-	-	-	-	-	-	-	-	-	20,254	20,254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overtime	590700	32,693	33,576	34,415	35,275	9,879	836	-	-	7,150	1,892	5,434	2,282	-	-	3,151	3,773	3,773	-	1,826	-	1,708	118	-	-	747	117	447	183	12,968	6,899	5,994	76	153	496
Direct Payroll Costs		1,312,230	1,308,400	1,342,768	1,388,501	498,614	186,719	-	22,471	40,972	248,452	189,597	147,763	-	-	41,834	307,730	300,003	7,728	20,598	-	16,696	3,902	8,632	8,632	43,935	7,877	16,753	19,305	107,079	12,213	61,596	33,270	16,822	195,494
							-	-	-	-	-																								
Payroll Benefits							-	-	-	-	-																								
FICA	595100	70,697	69,597	72,090	74,954	31,163	11,566	-	1,399	2,502	15,696	11,716	9,137	-	-	2,580	17,637	17,176	461	1,282	-	1,042	241	535	535	2,750	496	1,049	1,204	6,676	761	3,858	2,057	1,045	2,149
Medicare	595200	16,939	16,709	17,308	17,996	7,477	2,766	-	333	605	3,773	2,809	2,190	-	-	618	4,259	4,145	114	303	-	246	58	127	127	654	116	250	288	1,586	185	910	491	250	531
HCA/VEBA (Medical Insurance)	595300	301,500	306,000	322,830	322,830	132,930	18,990	-	56,970	18,990	37,980	37,980	37,980	-	-	-	151,920	151,920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERS	595400	137,284	149,751	159,490	171,383	68,602	25,299	-	2,927	5,543	34,834	25,689	20,031	-	-	5,658	45,461	44,411	1,050	2,782	-	2,254	528	1,171	1,171	5,954	1,061	2,271	2,622	14,560	1,668	8,381	4,511	2,287	4,877
Pension Expense Adj GASB 68	595401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Insurance	595600	12,661	12,879	13,195	13,518	5,485	2,179	-	261	479	2,566	2,202	1,715	-	-	487	3,089	3,000	89	238	-	193	45	98	98	519	93	198	228	1,275	145	737	393	199	414
Unemployment	595700	1,645	1,668	1,728	1,797	746	272	-	36	55	384	282	218	-	-	64	430	421	9	34	-	28	6	17	17	65	13	23	29	151	21	85	45	25	47
WA Disability	595750	2,758	2,710	2,778	2,847	1,160	461	-	58	102	539	463	361	-	-	103	646	626	19	50	-	41	9	22	22	111	20	42	49	269	32	155	82	42	85
Clothing Allowance	595800	7,500	7,000	7,000	7,000	2,000	500	-	-	500	1,000	1,000	1,000	-	-	-	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cell Phone Allowance	595900	9,060	9,360	9,360	9,360	1,750	-	-	-	770	980	1,610	1,610	-	-	-	6,000	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Payroll Benefits for Capital		32,854	26,327	37,086	38,782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38,782
Payroll Benefits		592,898	602,002	642,864	660,468	251,313	62,032	-	61,984	29,546	97,752	83,751	74,241	-	-	9,510	233,442	231,698	1,744	4,690	-	3,803	887	1,969	1,969	10,054	1,799	3,833	4,421	24,517	2,812	14,126	7,579	3,846	46,885
Payroll Allocations to Capital Projects		(218,936)	(229,111)	(235,557)	(242,379)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(242,379)
TOTAL EMPLOYEE COSTS		1,750,614	1,732,591	1,801,675	1,858,189	774,027	269,751	-	84,655	70,517	349,104	273,348	222,005	-	-	51,343	568,672	559,200	9,471	25,288	-	20,499	4,789	#####	10,602	53,988	9,676	20,586	23,726	131,596	15,025	75,722	40,849	20,668	-
TOTAL OPERATING COSTS		4,872,943	5,134,708	5,368,048	5,621,401	2,200,939	1,616,463	20,000	84,655	130,717	349,104	366,648	222,005	86,500	6,800	51,343	830,972	813,200	17,771	1,903,488	1,786,100	101,599	15,789	#####	11,602	92,188	36,276	32,186	23,726	192,696	33,325	106,322	53,049	22,868	-

Water Purchased from Seattle Public Utilities (SPU)

2020-2022

2020 Budget							Rates				Water Purchase Costs Projected for 2020				
Month	Old Cons. Allowance	Total Cons.	Old Cons. Remaining	Old Cons. 193 & 194	New Cons. Remaining	New Cons. 193 & 194	New Rate: Remaining	New Rate: 193 & 194	New Cons.:Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total
January	61,134	52,041	32,301	4,381	19,740	2,678	$ 1.67	$ 0.07	$ 1.58	$ 0.07	$ 54,250	$ 31,376	$ 85,626		$ 85,626
February	84,437	49,659	49,659	10,066	-	-	$ 1.67	$ 0.07			$ 83,635	$ -	$ 83,635		$ 83,635
March	76,583	56,803	56,803	9,146	-	-	$ 1.67	$ 0.07			$ 95,501	$ -	$ 95,501		$ 95,501
April	64,987	52,748	52,748	11,730	-	-	$ 1.67	$ 0.07			$ 88,910	$ -	$ 88,910		$ 88,910
May	75,759	58,181	54,169	9,258	4,012	-	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ 91,109	$ 10,031	$ 101,141		$ 101,141
June	105,157	74,575	-	-	74,575	7,299	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ -	$ 186,948	$ 186,948		$ 186,948
July	135,512	85,251	-	-	85,251	6,925	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ -	$ 213,612	$ 213,612		$ 213,612
August	208,555	97,215	-	-	97,215	5,953	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ -	$ 243,454	$ 243,454		$ 243,454
September	65,399	76,742	13,023	-	63,719	6,684	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ 21,748	$ 159,766	$ 181,514		$ 181,514
October	79,523	60,235	60,235	8,070	-	-	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ 101,157	$ -	$ 101,157		$ 101,157
November	74,845	50,099	50,099	7,425	-	-	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ 84,185	$ -	$ 84,185		$ 84,185
December	74,029	54,717	54,717	7,286	-	-	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ 91,887	$ -	$ 91,887		$ 91,887
TOTAL	1,105,920	768,266	423,754	67,362	344,512	29,539					$ 712,384	$ 845,188	$ 1,557,572	$ -	$ 1,557,572

2021 Budget							Rates				Water Purchase Costs Projected for 2021				
Month	Old Cons. Allowance	Total Cons.	Old Cons. Remaining	Old Cons. 193 & 194	New Cons. Remaining	New Cons. 193 & 194	New Rate: Remaining	New Rate: 193 & 194	New Cons.:Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total
January	61,134	52,041	32,301	4,381	19,740	2,678	$ 1.79	$ 0.07	$ 1.69	$ 0.07	$ 58,047	$ 33,572	$ 91,620		$ 91,620
February	84,437	49,659	49,659	10,066	-	-	$ 1.79	$ 0.07	$ -	$ -	$ 89,490	$ -	$ 89,490		$ 89,490
March	76,583	56,803	56,803	9,146	-	-	$ 1.79	$ 0.07	$ -	$ -	$ 102,186	$ -	$ 102,186		$ 102,186
April	64,987	52,748	52,748	11,730	-	-	$ 1.79	$ 0.07	$ -	$ -	$ 95,134	$ -	$ 95,134		$ 95,134
May	75,759	58,181	54,169	9,258	4,012	-	$ 1.79	$ 0.07	$ 2.68	$ 0.07	$ 97,487	$ 10,733	$ 108,221		$ 108,221
June	105,157	74,575	-	-	74,575	7,299	$ 1.79	$ 0.07	$ 2.68	$ 0.07	$ -	$ 200,035	$ 200,035		$ 200,035
July	135,512	85,251	-	-	85,251	6,925	$ 1.79	$ 0.07	$ 2.68	$ 0.07	$ -	$ 228,565	$ 228,565		$ 228,565
August	208,555	97,215	-	-	97,215	5,953	$ 1.79	$ 0.07	$ 2.68	$ 0.07	$ -	$ 260,496	$ 260,496		$ 260,496
September	65,399	76,742	13,023	-	63,719	6,684	$ 1.79	$ 0.07	$ 2.68	$ 0.07	$ 23,271	$ 170,949	$ 194,220		$ 194,220
October	79,523	60,235	60,235	8,070	-	-	$ 1.79	$ 0.07	$ 2.68	$ 0.07	$ 108,238	$ -	$ 108,238		$ 108,238
November	74,845	50,099	50,099	7,425	-	-	$ 1.79	$ 0.07	$ 2.68	$ 0.07	$ 90,078	$ -	$ 90,078		$ 90,078
December	74,029	54,717	54,717	7,286	-	-	$ 1.79	$ 0.07	$ 2.68	$ 0.07	$ 98,320	$ -	$ 98,320		$ 98,320
TOTAL	1,105,920	768,266	423,754	67,362	344,512	29,539					$ 762,251	$ 904,351	$ 1,666,602	$ -	$ 1,666,602
															2020 Budget
															$ 1,666,600

2022 Budget							Rates				Water Purchase Costs Projected for 2022				
Month	Old Cons. Allowance	Total Cons.	Old Cons. Remaining	Old Cons. 193 & 194	New Cons. Remaining	New Cons. 193 & 194	New Rate: Remaining	New Rate: 193 & 194	New Cons.:Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total
January	61,134	52,041	32,301	4,381	19,740	2,678	$ 1.91	$ 0.08	$ 1.81	$ 0.08	$ 62,111	$ 35,923	$ 98,033		$ 98,033
February	84,437	49,659	49,659	10,066	-	-	$ 1.91	$ 0.08	$ -	$ -	$ 95,754	$ -	$ 95,754		$ 95,754
March	76,583	56,803	56,803	9,146	-	-	$ 1.91	$ 0.08	$ -	$ -	$ 109,339	$ -	$ 109,339		$ 109,339
April	64,987	52,748	52,748	11,730	-	-	$ 1.91	$ 0.08	$ -	$ -	$ 101,793	$ -	$ 101,793		$ 101,793
May	75,759	58,181	54,169	9,258	4,012	-	$ 1.91	$ 0.08	$ 2.86	$ 0.08	$ 104,311	$ 11,485	$ 115,796		$ 115,796
June	105,157	74,575	-	-	74,575	7,299	$ 1.91	$ 0.08	$ 2.86	$ 0.08	$ -	$ 214,037	$ 214,037		$ 214,037
July	135,512	85,251	-	-	85,251	6,925	$ 1.91	$ 0.08	$ 2.86	$ 0.08	$ -	$ 244,565	$ 244,565		$ 244,565
August	208,555	97,215	-	-	97,215	5,953	$ 1.91	$ 0.08	$ 2.86	$ 0.08	$ -	$ 278,731	$ 278,731		$ 278,731
September	65,399	76,742	13,023	-	63,719	6,684	$ 1.91	$ 0.08	$ 2.86	$ 0.08	$ 24,900	$ 182,916	$ 207,815		$ 207,815
October	79,523	60,235	60,235	8,070	-	-	$ 1.91	$ 0.08	$ 2.86	$ 0.08	$ 115,815	$ -	$ 115,815		$ 115,815
November	74,845	50,099	50,099	7,425	-	-	$ 1.91	$ 0.08	$ 2.86	$ 0.08	$ 96,383	$ -	$ 96,383		$ 96,383
December	74,029	54,717	54,717	7,286	-	-	$ 1.91	$ 0.08	$ 2.86	$ 0.08	$ 105,202	$ -	$ 105,202		$ 105,202
TOTAL	1,105,920	768,266	423,754	67,362	344,512	29,539					$ 815,609	$ 967,656	$ 1,783,264	$ -	$ 1,783,264
															2020 Budget
															$ 1,783,300

North City Water District

Employee Costs

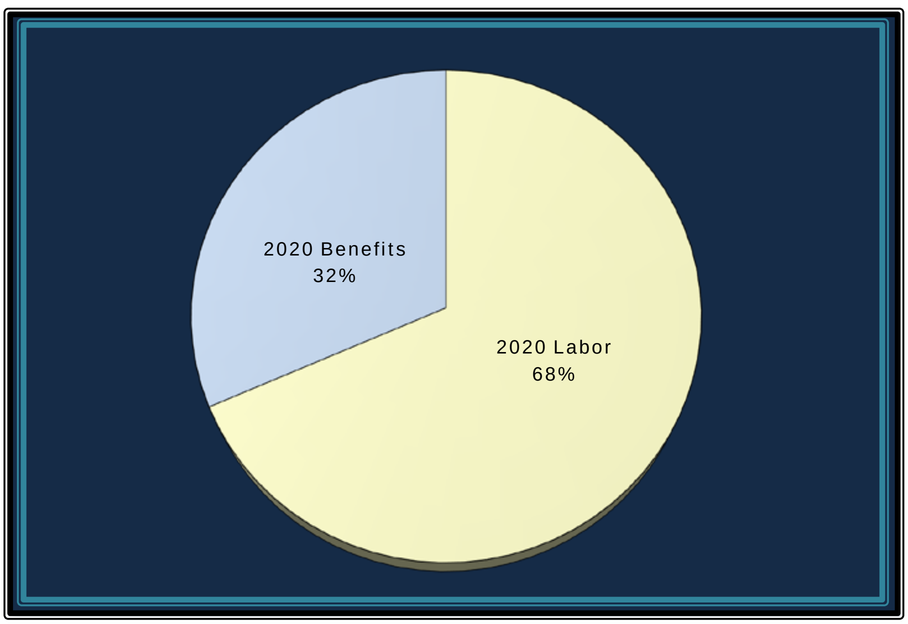
North City WATER DISTRICT

Labor and Benefits Summary

(Before Capitalization)

2020 - Budget

	DIRECT LABOR	TOTAL BENEFITS	COMBINED TOTAL
Total Projected Labor and Benefits for 2019	$ 1,312,230	$ 592,898	$ 1,905,128
Labor and Benefits for 2020 b/f COLA	$ 1,277,395	$ 595,688	$ 1,873,083
3.0% COLA and Benefit Increase for Employees	$ 31,005	$ 6,314	$ 37,319
TOTAL LABOR AND BENEFITS FOR 2020	$ 1,308,400	$ 602,002	$ 1,910,402
2020 Total Increase (Decrease) over 2019	*($3,830)*	*$ 9,104*	*$ 5,274*
Percent Increase (Decrease) over 2019	*-0.3%*	*1.5%*	*0.28%*



North City WATER DISTRICT

2020 - Budget

Labor and Benefits

0.0%	*Commissioner's Inc*
3.0%	*Employee's COLA*
$ -	*Employee's COLA Lump-sum*
$ 358.88	*2018 On-call*
$ 370.730	*2019 On-call*

Benefits

Clothing	Phone	VEBA	PERS Amt	Medicare	Soc Sec	L&I	Unemploy	WA-Disability
					$ 132,900	$ 1.32235	$ 47,300	
						$ 0.15060	$ 45,000	
		$ 1,500 J-J	12.86%		$ 8,240	$ 0.88670	0.25%	63.30%
$ 500	$ 70.00	$ 1,500 J-D	12.83%	$ 0.01	6.20%	$ 0.12250	0.25%	0.4000%

Combined

Position		Prior Year	With COLA	Step Inc	With Step
District Manager	Salary	$ 155,000	$ 159,650	$ -	$ 159,650
	Effective Hourly	$ 74.52	$ 76.75		$ 76.75
Accounting Specialist	Effective Salary	$ 67,600	$ 69,628	$ 3,481	$ 73,109
	Hourly	$ 32.50	$ 33.48		$ 35.15
Finance Manager	Effective Salary	$ 101,334	$ 104,374	$ 11,136	$ 115,510
	Hourly	$ 48.718	$ 50.18		$ 55.53
Customer Care Specialist	Effective Salary	$ 61,815	$ 63,669	August Step Inc: $ -	$ 63,669
	Hourly	$ 29.72	$ 30.61		$ 30.61
Customer Care Supervisor	Effective Salary	$ 75,709	$ 77,980	$ -	$ 77,980
	Hourly	$ 36.40	$ 37.49		$ 37.49
Executive Assistant (*prorated for part-tome employee*)	Effective Salary	$ 73,802	$ 76,016	$ -	$ 76,016
	Hourly	$ 35.48	$ 36.55		$ 36.55
Operations Manager	Salary	$ 136,958	$ 141,067	$ -	$ 141,067
	Effective Hourly	$ 65.85	$ 67.82		$ 67.82
Field Inspector/ Special Projects Coord	Salary	$ 78,190	$ 80,536	$ -	$ 80,536
	Effective Hourly	$ 37.59	$ 38.72		$ 38.72

Position		Total Hrs @ Reg Pay	Vac CO	OT @ 1.5	OTW	2018 Total Hours	Oncall	Per Deim / Other	Reg OT	OTW	2020 Total Gross Pay	Clothing	Phone	VEBA	PERS Amt	Medicare	Soc Sec	L&I	Unemploy	WA-Disability	2020 Total Benefits	2020 LABOR AND BENEFITS
Commissioner	*Cash Payment 2019 - W-2*	360.50	-	-	-	360.50	$ -	$ -			$ 10,254.21	$ -	$ -	$ 18,000		$ 148.69	$ 636	$ 44.16		$ -	$ 18,828.61	$ 29,082.81
Commissioner	*Cash Payment 2019 - W-2*	354.50	-	-	-	354.50	$ -	$ -			$ 10,083.54	$ -	$ -	$ 18,000		$ 146.21	$ 625	$ 43.43	$ -	$ -	$ 18,814.82	$ 28,898.36
Commissioner	*Cash Payment 2019 - W-2*	339.00	-	-	-	339.00	$ -	$ -			$ 9,642.65	$ -	$ -	$ 18,000		$ 139.82	$ 597.84	$ 41.53		$ -	$ 18,779.19	$ 28,421.84
District Manager	*Cash Payment 2020 - W-2*	2,080.00	48.00	-	-	2,128.00	$ -	$ -	$ -	$ -	$ 163,140.40	$ 500	$ -	$ 18,000	$ 20,476.19	$ 2,372.79	$ 8,601.58	$ 236.67	$ 130.00	$ 405.01	$ 50,722.23	$ 213,862.63
Accounting Specialist	*Cash Payment 2020 - W-2*	2,064.00	-	29.25	-	2,093.25	$ -	$ -	$ 1,542.15	$ -	$ 72,557.25	$ 500	$ 840	$ 18,000	$ 8,974.38	$ 1,071.51	$ 4,582	$ 238	$ 162	$ 187	$ 34,553.83	$ 107,111.08
Finance Manager	*Cash Payment 2020 - W-2*	2,080.00	48.00	-	-	2,128.00	$ -	$ -	$ -	$ -	$ 117,649.74	$ 500	$ 140	$ 18,000	$ 14,765.46	$ 1,715.20	$ 7,334	$ 232	$ 141	$ 293	$ 43,120.26	$ 160,770.00
Customer Care Specialist	*Cash Payment 2020 - W-2*	2,080.00	-	8.75	-	2,088.75	$ -	$ -	$ 401.76	$ -	$ 63,992.43	$ 500	$ 770	$ 18,000	$ 8,218	$ 946.31	$ 4,046	$ 227	$ 151	$ 165	$ 33,023.69	$ 97,016.12
Customer Care Supervisor	*Cash Payment 2020 - W-2*	2,080.00	-	44.25	-	2,124.25	$ -	$ -	$ 2,475.73	$ -	$ 80,359.57	$ 500	$ 840	$ 18,000	$ 10,319.29	$ 1,184.64	$ 5,065.37	$ 214.80	$ 127.97	$ 206.86	$ 36,458.95	$ 116,818.52
Executive Assistant	*Cash Payment 2020 - W-2*	1,263.75	-	-	-	1,263.75	$ -	$ -	$ -	$ -	$ 46,129.57	$ 500	$ 770	$ 18,000	$ 5,923.75	$ 687.29	$ 2,938.77	$ 135.73	$ 114.21	$ 120.02	$ 29,189.78	$ 75,319.35
Operations Manager	*Cash Payment 2020 - W-2*	2,080.00	88.00	-	-	2,168.00	$ -	$ -	$ -	$ -	$ 146,863.54	$ 500	$ -	$ 18,000	$ 18,092.74	$ 2,117.74	$ 8,405.89	$ 1,659.90	$ 147.77	$ 358.01	$ 49,282.05	$ 196,145.60
Field Inspector/ Special Projects Coord	*Cash Payment 2020 - W-2*	2,080.00	48.00	65.00	89.50	2,282.50	$ 2,965.84	$ -	$ 3,768.35	$ 6,436.53	$ 95,465.81	$ 500	$ 950	$ 18,000	$ 12,020.74	$ 1,390.21	$ 5,944	$ 1,830	$ 128	$ 241	$ 41,003.86	$ 136,469.67

North City WATER DISTRICT

2020 - Budget

Labor and Benefits

0.0%	Commissioner's Inc	
3.0%	Employee's COLA	
$ -	Employee's COLA Lump-sum	
$ 358.88	2018 On-call	
$ 370.730	2019 On-call	

Benefits

Clothing	Phone	VEBA	PERS Amt	Medicare	Soc Sec	L&I	Unemploy	WA-Disability
						$ 1.32235	$ 47,300	
					$ 132,900	$ 0.15060	$ 45,000	
		$ 1,500 J-J	12.86%		$ 8,240	$ 0.88670	0.25%	63.30%
$ 500	$ 70.00	$ 1,500 J-D	12.83%	$ 0.01	6.20%	$ 0.12250	0.25%	0.4000%

Position		Prior Year	With COLA	Step Inc	With Step
Operations Lead	Effective Salary	$ 90,313	$ 93,023	$ -	$ 93,023
	Hourly	$ 43.42	$ 44.72		$ 44.72
Utility Person III	Effective Salary	$ 68,492	$ 70,546	$ -	$ 70,546
	Hourly	$ 32.93	$ 33.92		$ 33.92
Utility Person I / II	Effective Salary	$ 56,369	$ 58,061	$ 2,496	$ 60,557
	Hourly	$ 27.10	$ 27.91		$ 29.11
Utility Person I / II	Effective Salary	$ 56,369	$ 58,061	$ 2,496	$ 60,557
	Hourly	$ 27.10	$ 27.91		$ 29.11
Utility Person IV / Water Quality Person	Effective Salary	$ 78,190	$ 80,536	$ -	$ 80,536
	Hourly	$ 37.59	$ 38.72		$ 38.72
Utility Person IV	Effective Salary	$ 78,190	$ 80,536	$ -	$ 80,536
	Hourly	$ 37.59	$ 38.72		$ 38.72
Utility Person IV	Effective Salary	$ -	$ -	$ -	
	Hourly	$ -	$ -		

Position	Total Hrs @ Reg Pay	Vac CO	OT @ 1.5	OTW	2018 Total Hours	Oncall	Per Deim / Other	Reg OT	OTW	2020 Total Gross Pay	Clothing	Phone	VEBA	PERS Amt	Medicare	Soc Sec	L&I	Unemploy	WA-Disability	2020 Total Benefits	2020 LABOR AND BENEFITS
Operations Lead – Cash Payment 2020 - W-2	2,080.00	48.00	26.50	41.00	2,195.50	$ 2,965.84	$ -	$ 1,777.72	$ 3,290.45	$ 103,088.86	$ 500	$ 840	$ 18,000	$ 12,962.49	$ 1,509.24	$ 6,453.31	$ 1,605.81	$ 127.60	$ 258.98	$ 42,257.44	$ 145,346.30
Utility Person III – Cash Payment 2020 - W-2	2,080.00	48.00	25.00	33.00	2,186.00	$ 2,595.11	$ -	$ 1,271.87	$ 2,135.87	$ 78,090.36	$ 500	$ 850	$ 18,000	$ 9,818.88	$ 1,151.89	$ 4,925.30	$ 1,583.65	$ 129.90	$ 197.02	$ 37,156.63	$ 115,246.99
Utility Person I / II – Cash Payment 2020 - W-2	2,080.00	-	44.75	26.00	2,150.75	$ 2,595.11	$ -	$ 1,927.27	$ 1,453.70	$ 65,213.28	$ 500	$ 840	$ 18,000	$ 8,374.54	$ 957.71	$ 4,095	$ 1,728	$ 128	$ 169	$ 34,792.22	$ 100,005.50
Utility Person I / II – Cash Payment 2020 - W-2	2,080.00	-	13.50	28.50	2,122.00	$ 2,224.38	$ -	$ 589.56	$ 1,640.84	$ 64,834.57	$ 500	$ 840	$ 18,000	$ 8,325.49	$ 950.08	$ 4,062	$ 1,609	$ 131	$ 168	$ 34,585.79	$ 99,420.35
Utility Person IV / Water Quality Person – Cash Payment 2020 - W-2	2,080.00	48.00	68.50	28.00	2,224.50	$ 3,324.72	$ -	$ 3,978.39	$ 2,015.47	$ 91,613.68	$ 500	$ 840	$ 18,000	$ 11,526.40	$ 1,342.85	$ 5,742	$ 1,675	$ 129	$ 231	$ 39,985.76	$ 131,599.44
Utility Person IV – Cash Payment 2020 - W-2	2,084.00	-	49.50	25.50	2,159.00	$ 2,583.26	$ -	$ 2,791.16	$ 1,783.40	$ 85,392.62	$ 500	$ 840	$ 18,000	$ 10,965.57	$ 1,207.63	$ 5,163.66	$ 1,593.40	$ 126.03	$ 219.61	$ 38,615.89	$ 124,008.51
Utility Person IV – Cash Payment 2020 - W-2	-	-	-	-	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Cash Payment 2020	29,345.75	376.00	375.00	271.50	30,368.25	$ 19,254.26	$ -	$ 20,523.96	$ 18,756.26	$ 1,304,372.08	$ 7,000.00	$ 9,360.00	$ 306,000.00	$ 160,763.56	$ 19,039.81	$ 79,218.19	$ 14,697.90	$ 1,873.51	$ 3,218.02	$ 601,172.99	$ 1,905,543.07
Total Accrued Expense 2020	29,444.75	376.00	375.00	259.00	30,454.75	$ 19,277.96	$ -	$ 19,875.28	$ 17,501.74	$ 1,308,399.59	$ 7,000.00	$ 9,360.00	$ 306,000.00	$ 161,335.18	$ 19,098.21	$ 79,467.90	$ 14,747.85	$ 1,884.33	$ 3,106.74	$ 602,002.20	$ 1,910,399.79
										$ (1,308,400.23)										$ (602,002.30)	$ (1,681,291.21)

Combined

2020 Salaries & Wages

2020 - Budget

Across the Board Increase: 3.0%

MANAGEMENT

TITLE	Steps	Step 1	Step 2	Step 3	Step 4	Step 5
Finance Manager	5	$ 104,374.27	$ 115,509.83	$ 121,533.87	$ 127,897.67	$ 134,349.00
Operations Manager Certification Pay (5%)	5	$ 104,374.27	$ 115,488.24	$ 121,533.87	$ 127,897.67	$ 134,349.00 $ 6,717.45

FINANCE & ADMIN.DEPARTMENT

TITLE	Steps	Step 1	Step 2	Step 3	Step 4	
Accounting Specialist rate per hour	4	$ 69,628.00 $ 33.4750	$ 73,109.40 $ 35.1488	$ 76,764.87 $ 36.9062	$ 80,603.11 $ 38.7515	
Executive Assistant rate per hour	4	$ 65,665.84 $ 31.5701	$ 68,949.14 $ 33.1486	$ 72,396.59 $ 34.8061	$ 76,016.42 $ 36.5464	
Customer Care Supervisor rate per hour	4	$ 67,362.00 $ 32.3856	$ 70,730.10 $ 34.0049	$ 74,266.60 $ 35.7051	$ 77,979.93 $ 37.4904	
Customer Care Specialist rate per hour	3	$ 57,749.76 $ 27.7643	$ 60,637.25 $ 29.1525	$ 63,669.11 $ 30.6102		

OPERATIONS DEPARTMENT

TITLE		Step 1	Step 2	Step 3		
Field Inspector/Project Manager rate per hour	3	$ 99,585.13 $ 47.8775	$ 104,533.30 $ 50.2564	$ 109,728.89 $ 52.7543		
Field Inspector/Special Projects Coordinator rate per hour	3	$ 71,944.47 $ 34.5887	$ 75,541.69 $ 36.3181	$ 80,535.82 $ 38.7191		
TITLE		YEAR 1	YEAR 2+			
Operations Lead rate per hour	2	$ 86,779.95 $ 41.7211	$ 93,022.90 $ 44.7225			
Utility Person IV / Water Quality rate per hour	2	$ 75,541.69 $ 36.3181	$ 80,535.82 $ 38.7191			
Utility Person IV rate per hour	2	$ 75,541.69 $ 36.3181	$ 80,535.82 $ 38.7191			
Utility Person III rate per hour	2	$ 66,801.09 $ 32.1159	$ 70,546.39 $ 33.9165			
Utility Person II rate per hour	2	$ 60,556.96 $ 29.1139	$ 64,303.44 $ 30.9151			
Utility Person I rate per hour	2	$ 54,689.83 $ 26.2932	$ 58,060.48 $ 27.9137			
On-Call Pay - rate per week		$ 381.85				

Labor and Benefits Summary

(Before Capitalization)

2021 - Budget

	DIRECT LABOR	TOTAL BENEFITS	COMBINED TOTAL
Total Projected Labor and Benefits for 2019			
Base Labor and Benefits for 2020			
Add Step Increases			
#REF!			
TOTAL LABOR AND BENEFITS FOR 2020 *(Cash Basis)*			
2019 Total Increase (Decrease) over 2018			
Percent Increase (Decrease) over 2018			

To be computed at the end of 2020 for 2021.
A 2.5% increase was used for payroll costs across the board in the forecast, but it may be more or less.

North City WATER DISTRICT	Labor and Benefits Summary *(Before Capitalization)*		
	2022 - Budget		
	DIRECT LABOR	TOTAL BENEFITS	COMBINED TOTAL
Total Projected Labor and Benefits for 2019			
Base Labor and Benefits for 2020			
Add Step Increases			
#REF!			
TOTAL LABOR AND BENEFITS FOR 2020 *(Cash Basis)*			
2019 Total Increase (Decrease) over 2018			
Percent Increase (Decrease) over 2018			

To be computed at the end of 2021 for 2022. A 2.5% increase was used for payroll costs across the board in the forecast, but it may be more or less.

Capital Costs

North City WATER DISTRICT

Capital Plan Summary

2020-2040 - Budget / Forecast

		2016-2019	2020	2021	2022	2023	2024	2025	Total 2020-2025
	SOURCES:								
	Capital Account Beginning Balance	$ 1,920,865	$ 7,969,131	$ 4,264,567	$ 5,234,063	$ 6,607,860	$ 5,828,842	$ 6,493,178	$ 7,969,131
	Transfers from the Maintenance Fund	6,206,717	1,500,000	1,500,000	1,600,000	1,600,000	1,700,000	1,700,000	9,600,000
	Interest Earnings	400,747	79,691	63,979	78,567	99,210	87,575	97,560	506,583
	Bond Proceeds	7,712,857	-	-	-	-	-	-	-
	DWSRF Loan	2,087,042							-
	Transfer Bond Fund	1,286,348	-	-	-	-	-	-	-
	Connection Fees	937,958	242,646	1,147,353	35,662	174,871	36,674	598,810	2,236,017
	Sale of Old Maintenance Property	-	-	-	1,500,000	-	-	-	1,500,000
	TOTAL SOURCES	20,552,532	9,791,468	6,975,900	8,448,292	8,481,941	7,653,090	8,889,548	21,811,731
	USES:								
In no	Other Projects 2016-2019	504,142							-
2	NCPS	4,766,928							-
3	Vacuum Truck	496,370	-	-	-	-	597,026	-	597,026
4	Maintenance Building	6,274,483	4,658,054	100,000	-	-	-	-	4,758,054
5	Maintenance Building Furnishings	-	129,000	-	-	-	-	-	129,000
6	Communications	-	-	50,000	-	-	-	-	50,000
7	Water System Plan Updates	377,967	79,878	-	-	-	-	-	79,878
8	GIS Project	-	2,122	170,199	151,915	135,683	34,221	5,737	499,878
9	Asset Management	-	-	-	-	-	-	104,566	104,566
10	System-wide - R&R PRV Stations	-	-	86,951	89,560	60,292	-	-	236,804
11	2.0 MG Reservoir Capital Improvements	-	209,078	-	-	-	-	-	209,078
12	Temporary Water Supply Sta @ 2.0 Res	-	19,675	-	-	-	-	-	19,675
13	Alarms & Cameras at three buildings	-	-	389,815	-	-	-	-	389,815
14	Aquire additional land	-	-	-	-	-	-	-	-
15	Temporary Water Supply Sta @ 3.7 Res	-	19,675	-	-	-	-	-	19,675
16	ShakeAlert projects	-	-	130,236	-	-	-	-	130,236
17	Shunt trip breakers for BS 1 and 2	-	-	89,350	-	-	-	-	89,350
18	Telemetry	-	-	85,139	28,217	-	-	-	113,356
19	100-Install individual PRVs new 520 zone	-	-	-	-	-	-	-	-
20	101-Install new 8" main to connect 590 Zone	-	-	-	159,804	457,617	-	-	617,421
21	102-Connect northern end of 25th Ave	-	-	23,090	43,959	-	-	-	67,048
22	103-Remove PRV-5	-	-	17,359	-	-	-	-	17,359
23	104-Install 8" water mains for looping	-	-	72,893	189,301	-	-	-	262,193
24	105a-Install new 8" main - 32rd/NE 158	-	-	34,513	77,730	-	-	-	112,243
25	105b-Install new 8" main - 33rd/NE 158	-	-	-	33,331	71,549	-	-	104,880
26	106-Relocate PRV-2	-	-	88,786	246,596	-	-	-	335,381
27	107-Install 12" main- Fircrest to 25th Ave NE	-	-	-	-	-	-	310,465	310,465
28	108-New NS 520 Zone transmission	-	-	-	-	-	-	-	-
29	114 -Jack & Bore SR522 Crossing	-	-	-	334,429	895,187	-	-	1,229,616
30	114a-Replace WM in Sheraton Beach	-	-	-	-	-	-	-	-
31	115-Replace outdated mains Bothell Way	-	-	-	327,494	891,735	-	-	1,219,229
32	116-Replace mains in Sheraton Beach	-	-	-	-	-	-	-	-
33	117-Install 8" 590 piping to connect dead	-	-	-	-	-	-	-	-
34	119-New BS1 & 1.5 MG concrete reservoir	-	-	-	-	-	-	-	-
35	121a-Replace lines on Forest Park Drive N	-	-	-	-	-	-	30,747	30,747
36	131-Replace existing 6" on NE 200th St	-	-	-	-	-	267,489	661,050	928,538
37	135-Replace 6" on NE Serpent PL/10th Ave	-	-	-	-	-	-	3,075	3,075
38	Meter Replacement	31,979	131,308	129,648	-	-	-	-	260,956
39	Service Replacement	55,718	53,517	55,122	56,776	58,479	60,233	62,040	346,168
40	Hydrant Replacement	15,635	19,610	20,198	20,804	21,428	22,071	22,733	126,843
41	Valve Replacement	24,246	24,973	25,723	26,494	27,289	28,108	28,951	161,539
42	Technology Additions & Replacement	13,933	127,650	15,370	18,400	20,335	6,875	22,150	210,780
43	Tools & Equipment	22,000	12,360	12,731	13,113	13,506	13,911	24,329	89,950
44	Engineering and Modeling Reports	-	40,000	144,715	22,510	-	129,978	9,144	346,347
45	Projects 120-145 (as excepted above)	-	-	-	-	-	-	-	-
	TOTAL USES	12,583,401	5,526,901	1,741,837	1,840,432	2,653,100	1,159,912	1,284,986	14,207,169
	ENDING BALANCE	$7,969,131	$4,264,567	$5,234,063	$6,607,860	$5,828,842	$6,493,178	$7,604,562	$7,604,562

North City WATER DISTRICT

Capital Plan Summary *(cont.)*

2020-2040 - Budget / Forecast

#		2026	2027	2028	2029	2030	2031	2032-2040	Total 2020-2040	Total 2016-2040
	SOURCES:									
	Capital Account Beginning Balance	$ 7,604,562	$ 7,745,462	$ 7,075,200	$ 12,991,581	$ 8,869,628	$ 5,344,092	$ 7,037,101	$ 7,969,131	$ 1,920,865
	Transfers from the Maintenance Fund	1,700,000	1,700,000	1,700,000	1,600,000	1,700,000	1,900,000	21,000,000	40,900,000	47,106,717
	Interest Earnings	114,267	116,467	106,446	195,237	133,490	80,667	1,234,822	2,487,978	2,888,724
	Bond Proceeds	-	-	10,000,000	-	-	-	-	10,000,000	17,712,857
	DWSRF Loan								-	2,087,042
	Transfer Bond Fund	-	-	-	-	-	-		-	1,286,348
	Connection Fees	37,746	393,598	38,971	294,735	414,166	40,898	1,320,006	4,776,138	5,714,096
	Sale of Old Maintenance Property	-	-	-	-	-	-	-	1,500,000	1,500,000
	TOTAL SOURCES	9,456,575	9,955,527	18,920,617	15,081,553	11,117,284	7,365,657	30,591,929	67,633,246	80,216,648
	USES:									
In no	Other Projects 2016-2019								-	504,142
2	NCPS								-	4,766,928
3	Vacuum Truck	-	-	-	-	712,880	-	-	1,309,907	1,806,277
4	Maintenance Building	-	-	-	-	-	-	-	4,758,054	11,032,538
5	Maintenance Building Furnishings	-	-	-	-	-	-	178,159	307,159	307,159
6	Communications	-	-	-	-	-	-	-	50,000	50,000
7	Water System Plan Updates	-	268,451	257,127	-	-	-	-	605,456	983,423
8	GIS Project	-	-	-	-	2,852	-	-	502,730	502,730
9	Asset Management	105,153	45,379	-	-	-	-	-	255,098	255,098
10	System-wide - R&R PRV Stations	-	-	-	-	-	-	-	236,804	236,804
11	2.0 MG Reservoir Capital Improvements	-	-	-	-	-	-	-	209,078	209,078
12	Temporary Water Supply Sta @ 2.0 Res	-	-	-	-	-	-	-	19,675	19,675
13	Alarms & Cameras at three buildings	-	-	-	-	-	-	-	389,815	389,815
14	Aquire additional land	-	712,276	-	-	-	-	-	712,276	712,276
15	Temporary Water Supply Sta @ 3.7 Res	-	-	-	-	-	-	-	19,675	19,675
16	ShakeAlert projects	-	-	-	-	-	-	-	130,236	130,236
17	Shunt trip breakers for BS 1 and 2	-	-	-	-	-	-	-	89,350	89,350
18	Telemetry	-	-	-	-	137,183	-	-	250,539	250,539
19	100-Install individual PRVs new 520 zone	456,367	-	-	-	-	-	-	456,367	456,367
20	101-Install new 8" main to connect 590 Zone	-	-	-	-	-	-	-	617,421	617,421
21	102-Connect northern end of 25th Ave	-	-	-	-	-	-	-	67,048	67,048
22	103-Remove PRV-5	-	-	-	-	-	-	-	17,359	17,359
23	104-Install 8" water mains for looping	-	-	-	-	-	-	-	262,193	262,193
24	105a-Install new 8" main - 32rd/NE 158	-	-	-	-	-	-	-	112,243	112,243
25	105b-Install new 8" main - 33rd/NE 158	-	-	-	-	-	-	-	104,880	104,880
26	106-Relocate PRV-2	-	-	-	-	-	-	-	335,381	335,381
27	107-Install 12" main- Fircrest to 25th Ave NE	883,921	-	-	-	-	-	-	1,194,386	1,194,386
28	108-New NS 520 Zone transmission	-	-	-	826,637	2,258,829	-	-	3,085,465	3,085,465
29	114 -Jack & Bore SR522 Crossing	-	-	-	-	-	-	-	1,229,616	1,229,616
30	114a-Replace WM in Sheraton Beach	-	-	-	-	12,169	-	-	12,169	12,169
31	115-Replace outdated mains Bothell Way	-	-	-	-	-	-	-	1,219,229	1,219,229
32	116-Replace mains in Sheraton Beach	-	-	-	804,914	2,179,443	-	-	2,984,356	2,984,356
33	117-Install 8" 590 piping to connect dead	-	-	-	-	297,988	-	-	297,988	297,988
34	119-New BS1 & 1.5 MG concrete reservoir	-	1,698,970	5,528,132	4,261,599	-	-	-	11,488,701	11,488,701
35	121a-Replace lines on Forest Park Drive N	-	-	-	-	-	-	-	30,747	30,747
36	131-Replace existing 6" on NE 200th St	-	-	-	-	-	-	-	928,538	928,538
37	135-Replace 6" on NE Serpent PL/10th Ave	-	-	-	-	-	-	-	3,075	3,075
38	Meter Replacement	-	-	-	-	-	-	-	260,956	292,935
39	Service Replacement	63,902	65,819	67,793	69,827	71,922	74,080	775,160	1,534,670	1,590,388
40	Hydrant Replacement	23,415	24,117	24,841	25,586	26,354	27,144	284,034	562,334	577,969
41	Valve Replacement	29,820	30,714	31,636	32,585	33,562	34,569	361,728	716,152	740,398
42	Technology Additions & Replacement	7,100	19,400	3,850	20,280	14,575	18,800	196,721	491,506	505,439
43	Tools & Equipment	14,758	15,201	15,657	16,127	16,611	27,109	189,028	384,441	406,441
44	Engineering and Modeling Reports	126,677	-	-	154,370	8,825	146,853	445,649	1,228,722	1,228,722
45	Projects 120-145 (as excepted above)	-	-	-	-	-	-	22,900,807	22,900,807	22,900,807
	TOTAL USES	1,711,113	2,880,327	5,929,036	6,211,925	5,773,192	328,555	25,331,286	62,372,604	74,956,005
	ENDING BALANCE	$7,745,462	$7,075,200	$12,991,581	$8,869,628	$5,344,092	$7,037,101	$5,260,642	$5,260,642	$5,260,642

Capital Plan - Project

2020-2040 - Budget / Forecast

Maintenance Building

Status: Ongoing

Funding Source: Rates
2016 Bond Proceeds
Sale of existing maintenance building

Locations: 15555 15th Ave NE

Permits: Special Use Permit, Building, Electrical, Plumbing, Fire, Sewer & ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ 707,078	$ 70,000	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	50,000	-	$ 827,078
Site Work	1,953,805	702,888	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,656,693
Retainage		83,601													-	-	83,601
Building Costs	-	2,285,536	4,000,000	-	-	-	-	-	-	-	-	-	-	-	4,000,000	-	6,285,536
Retainage		(97,354)	97,354												97,354	-	-
Permit	80,000	5,000		-	-	-	-	-	-	-	-	-	-	-	-	-	85,000
Contigency for buildings	-	-	345,071	50,000	-	-	-	-	-	-	-	-	-	-	395,071	-	395,071
Crew time - design/const & movin	16,813	17,374	11,308	-	-	-	-	-	-	-	-	-	-	-	11,308	-	45,495
Project management	72,691	77,835	46,883	-	-	-	-	-	-	-	-	-	-	-	46,883	-	197,408
Management review	10,818	6,145	2,438	-	-	-	-	-	-	-	-	-	-	-	2,438	-	19,400
Legal & other	6,175	10,000	5,000	-	-	-	-	-	-	-	-	-	-	-	5,000	-	21,175
Capitalized Interest	234,682	115,000	100,000	50,000	-	-	-	-	-	-	-	-	-	-	150,000	-	499,682
Total Costs	$ 3,082,061	$ 3,276,023	$ 4,658,054	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$4,758,054		$11,116,139

Project description: Purchase land, design and construct a new maintenance facility. Project assumes to include: Special Use Permt for both reusing existing building and construct new buildings, $965,000 for design costs, two contracts - a site work contract for $2,5500,000, a second contract for admin and shops building and decant building plus generator in 2019, the expanded shops are assumed to be constructed in 2019/2020 for $6,100,000. Contingency of 5% or $400,000. Amounts in text are in 2018 dollars and inflated by inflation.

Rationale: North City Water District has purchased property for a new facility. The costs for operating the existing maintenance building have increased and is becoming unsafe for the crews to be located at. When the District first contracted with Driftmeier Architects, the Architects identified that "*the existing Operations facility is completely inadequate for the District's needs and should be replaced* ". The District attempted to share in the cost of co-locating with the City of Shoreline's purchase of Brugger's Bog property but was unsuccessful. The District ha recently selected an Architect and expects to do this project in phases: Develop a Master Plan for the site, Design and Construction. The project is expected to take approximately two to three years.

GL Code: 1-00-189876

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

Maintenance Building Furnishings

Status: On-going

Location: 15555 15th Ave NE

Funding Source: Rates

Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Furnising	$ -	$ -	$ 129,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 129,000	$ -	$ 129,000
Total Costs	$ -	$ -	$ 129,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 129,000	$ -	$ 129,000

Project description: The replacement of smaller capital infrastructure to be located within the new maintenance facility. These items include: chlorine analyzer, fridge, stove, dishwasher, microwave, fan, desks, chairs, cabinets, washer and dryer, meter bench, inventory racks, drill press and band saw.

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: 1-00-189876

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

Communications

Status: On-going

Locations: Various

Funding Source: Rates

Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Equipment	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000	$ -	$ 50,000
Total Costs	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000	$ -	$ 50,000

Project description: The District will be updating the communications equipment for each vehicle and the base station.

Rationale: Preparing for an emergency communications will help district.

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - 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	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Consulting	$ 203,719	$ 157,310	$ 63,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000	$ 250,000	$ -	$ -	$ -	$ 63,000	$ 500,000	$ 627,748
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management / review	-	4,739	938	-	-	-	-	-	-	4,613	2,376	-	-	-	5,677	6,988	10,416
Management review	-	8,830	938	-	-	-	-	-	-	6,919	2,376	-	-	-	9,768	9,295	18,598
Legal & other	-	3,368	15,003	-	-	-	-	-	-	6,919	2,376	-	-	-	18,371	9,295	21,739
Total Costs	$ 203,719	$ 174,248	$ 79,878	$ -	$ -	$ -	$ -	$ -	$ -	$ 268,451	$ 257,127	$ -	$ -	$ -	$ 96,816	$ 525,578	$ 678,502

Project description: North City Water District's water system plan was adopted by the Board of Commissioners in 2011. The District made changes to the plan based on review comments and was approved by King County in December 2013 and DOH in January 2014. The District calibrated and update its hydraulic model in 2018. The District will also be updating the Coliform Monitoring Plan (CMP). The CIP and CMP will be submitted to DOH and King County for approval in 2019. The District will be requesting to DOH that we move from the 6 year to the 10 year approval cycle with the submission of this plan. The Coliform Monitoring Plan and ShakeAlert was also updated as part of this plan. The District will be updating the Water Shortage Contingency Plan and Cross Connection Control Plan in 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 economic and environmentally responsible needs. During a WSP update, the District considered: (1) operating policies and customer level of service, (2) system vulnerabilities and emergency preparedness; and (3) water system needs of the next 20 years to meet anticipated population and employment growth and changing water regulation. Given that there has been a short time period since the last WSP was approved, it is likely DOH and King County will allow North City Water District to do an amendment and only update those portions of the plan that require updating. The City of Shoreline is changing their comprehensive plan to allow for redevelopment of the areas near the NE 145th and 185th Street light rail stations adjacent to the I5 corridor. Water service for redeveloping properties in these areas will be part of any developer extension agreements. It is unknown of many feet and what diameter of water mains will be required to support these redevelopment areas. The total cost and funding sources of these redevelopment areas are unknown as this time.

GL Code: 1-00-239206

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

GIS/Mapping Project

Status: Ongoing

Locations: District wide

Funding Source: Rates

Permits: None

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Arials		$ -	$ 2,122	$ -	$ -	$ -	$ -	$ 2,460	$ -	$ -	$ -	$ -	$ 2,852	$ -	$ 4,582	$ 2,852	$ 7,433
Equipment		-	-	18,000	18,000	-	-	-	-	-	-	-	-	-	36,000	-	36,000
ESRI software		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mapping/GIS Consultant		-	-	95,000	75,000	75,000	30,000	-	-	-	-	-	-	-	275,000	-	275,000
District labor		-	-	43,678	44,989	46,338	-	3,277	-	-	-	-	-	-	135,006	-	135,006
Project management / review		-	-	13,521	13,927	14,344	4,221	-	-	-	-	-	-	-	46,013	-	46,013
Total Costs	$ -	$ -	$ 2,122	$ 170,199	$ 151,915	$ 135,683	$ 34,221	$ 5,737	$ -	$ -	$ -	$ -	$ 2,852	$ -	$ 496,601	$ 2,852	$ 499,452

Project description: Purchase ESRI software for one GIS station for the District. Annual costs will depend on the version purchased. North City Water District staff will work on scanning the district documents ($15,000 - Scanner, $6,000 - scanner software), locating valves, hydrants, water mains and meter boxes.

Rationale: North City Water District takes pride in reinvesting into its system. District maps have not been updated for several years and must be done to reflect the changes in the District's system otherwise, they are unusable by staff and property owners. We will also be tieing in the information with the financial database as the GIS system is updated. The District will be doing much of this work in-house over several years to more evenly distribute the project costs. Some assistance with an outside agency or consultant may be utilized but unknown at this time.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

GIS/Mapping Project

Status: Ongoing

Locations: District wide

Funding Source: Rates

Permits: None

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Asset Management Software		-	-	-	$ -	$ -	$ -	10,000	10,000	10,000	-	-	-	-	$ 10,000	$ 20,000	$ 30,000
AM Consultant		-	-	-	-	-	-	75,000	75,000	25,000	-	-	-	-	75,000	100,000	175,000
District labor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management / review		-	-	-	-	-	-	19,566	20,153	10,379	-	-	-	-	19,566	30,532	50,098
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 104,566	$ 105,153	$ 45,379	$ -	$ -	$ -	$ -	$ 104,566	$ 150,532	$ 255,098

Project description: Purchase Asset Management software for one workstation for the District. Annual costs will depend on the version purchased.

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

2020-2040 - 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	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Construction	$ -	$ -	$ -	$ 77,250	$ 79,568	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 206,818	$ -	$ 206,818
Crew time	-	-	-	8,736	8,998	9,268	-	-	-	-	-	-	-	-	27,001	-	27,001
Project management	-	-	-	966	995	1,025	-	-	-	-	-	-	-	-	2,985	-	2,985
Total Costs	$ -	$ -	$ -	$ 86,951	$ 89,560	$ 60,292	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 236,804	$ -	$ 236,804

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 was rebuilt.

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:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

2.0 MG Reservoir Misc Capital Improvements

Status: Projected

Locations: 2.0 MG resevoir site

Funding Source: Rates

Permits: None

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ 53,045	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 53,045	$ -	$ 53,045
Construction	-	-	143,222	-	-	-	-	-	-	-	-	-	-	-	143,222	-	143,222
Inspection	-	-	9,612	-	-	-	-	-	-	-	-	-	-	-	9,612	-	9,612
Crew time	-	-	2,262	-	-	-	-	-	-	-	-	-	-	-	2,262	-	2,262
Project management	-	-	938	-	-	-	-	-	-	-	-	-	-	-	938	-	938
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ 209,078	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 209,078	$ -	$ 209,078

Project description: The 2.0 MG Reservoir is beginning to develop leaks and should be assessed to apply an epoxy coating. Water quality within the tank shall also be reviewed and possibly add a PAX mixer, similar to the mixer installed in the 3.7 MG reservoir.

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

2020-2040 - Budget / Forecast

Emergency Water Filling Stations at 2.0 MG reservoir

Status: Projected

Locations: NE 196th Ct & 40th PL NE

Funding Source: Rates

Permits: none

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ 16,250	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 16,250	$ -	$ 16,250
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspection	-	-	226	-	-	-	-	-	-	-	-	-	-	-	226	-	226
Crew time	-	-	2,262	-	-	-	-	-	-	-	-	-	-	-	2,262	-	2,262
Project management	-	-	938	-	-	-	-	-	-	-	-	-	-	-	938	-	938
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ 19,675	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 19,675	$ -	$ 19,675

Project description: An emergency bottle filling station will be located adjacent to the reservoir for use in the event of an emergency.

Rationale: A temporary bottle filling station wil allow customers to fill their containers in the event of an emergency.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

Emergency Water Filling Stations at 3.7 MG reservoirs

Status: Projected

Locations: 18012 15th Ave NE

Funding Source: Rates

Permits: none

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ 16,250	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 16,250	$ -	$ 16,250
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspection	-	-	226	-	-	-	-	-	-	-	-	-	-	-	226	-	226
Crew time	-	-	2,262	-	-	-	-	-	-	-	-	-	-	-	2,262	-	2,262
Project management	-	-	938	-	-	-	-	-	-	-	-	-	-	-	938	-	938
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ 19,675	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 19,675	$ -	$ 19,675

Project description: Project description: An emergency bottle filling station will be located adjacent to the reservoir for use in the event of an emergency.

Rationale: A temporary bottle filling station wil allow customers to fill their containers in the event of an emergency.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

New Cameras and Alarm System at Administration office, Maintenance Facility and NC/DC PS

Status: Projected

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

Funding Source: Rates

Permits: None

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ 371,315	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 371,315	$ -	$ 371,315
Inspection	-	-	-	9,900	-	-	-	-	-	-	-	-	-	-	9,900	-	9,900
Crew time	-	-	-	2,330	-	-	-	-	-	-	-	-	-	-	2,330	-	2,330
Project management	-	-	-	966	-	-	-	-	-	-	-	-	-	-	966	-	966
Legal & other	-	-	-	5,305	-	-	-	-	-	-	-	-	-	-	5,305	-	5,305
Total Costs	$ -	$ -	$ -	$ 389,815	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 389,815	$ -	$ 389,815

Project description: The 2.0 MG Reservoir is beginning to develop leaks and should be assessed to apply an epoxy coating. Water quality within the tank shall also be reviewed and possibly add a PAX mixer, similar to the mixer installed in the 3.7 MG reservoir.

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

2020-2040 - Budget / Forecast

Acquire Additional Land

Status: Projected

Locations: Misc

Funding Source: Rates

Permits: Pending Conditional Use Permit

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 705,556	$ -	$ -	$ -	$ -	$ -	$ 705,556	$ 705,556
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal & other	-	-	-	-	-	-	-	-	-	6,720	-	-	-	-	-	6,720	6,720
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 712,276	$ -	$ -	$ -	$ -	$ -	$ 712,276	$ 712,276

Project description: The District will be relocating both booster stations to above ground locations.

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:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

Shake Alert

Status: Projected

Locations: Districtwide

Funding Source: rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ 46,350	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 46,350	$ -	$ 46,350
Construction	-	-	-	81,955	-	-	-	-	-	-	-	-	-	-	81,955	-	81,955
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management	-	-	-	1,932	-	-	-	-	-	-	-	-	-	-	1,932	-	1,932
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ 130,236	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 130,236	$ -	$ 130,236

Project description: The District expects to follow through phases 1 and 2 connecting to the ShakeAlert System. Some improvements will be necessary to allow the District to take full advantage of the early warning system.

Rationale: The District would like to continue to be on the leading edge of making sure District ratepayers will have water in the event of a major earthquake.

GL Code: 1-00-239206

Other project names:

Capital Plan - Project

2020-2040 - 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	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	87,418	-	-	-	-	-	-	-	-	-	-	87,418	-	87,418
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management	-	-	-	1,932	-	-	-	-	-	-	-	-	-	-	1,932	-	1,932
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ 89,350	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 89,350	$ -	$ 89,350

Project description: Installation of shunt-trip service disconnect switches on the service entrance switches to be able to automatically disconnect power using the ShakeAlert earthquake early warning system.

Rationale: The District will review and consider if the existing pumps can be saved or should be replaced in the event of a major disaster.

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

Telemetry Improvements and Upgrade

Status: Projected

Funding Source: Rates

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

Permits: Phase I - none, Phase II - ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ 5,628	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,628	$ -	$ 5,628
Construction	-	-	-	78,345	20,000	-	-	-	-	-	-	-	128,318	-	98,345	128,318	226,664
Inspection	-	-	-	582	-	-	-	-	-	-	-	-	760	-	582	760	1,342
Crew time	-	-	-	582	600	-	-	-	-	-	-	-	760	-	1,182	760	1,942
Project management	-	-	-	2,897	1,990	-	-	-	-	-	-	-	3,780	-	4,887	3,780	8,667
Legal & other	-	-	-	2,732	-	-	-	-	-	-	-	-	3,564	-	2,732	3,564	6,296
Total Costs	$ -	$ -	$ -	$ 85,139	$ 28,217	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 137,183	$ -	$ 113,356	$ 137,183	$ 250,539

Project description: Phase I-upgrade telemetry software in 2020. Phase II - add telemetry to two emergency supply stations with Mountlake Terrace in 2021. Scheduled updates every 10 years thereafter.

Rationale: The District's existing telemetry system will need to be upgraded to match the current operating system. The two emergency connections with MLT are wired for telemetry but not yet connected to the District's telemetry.

GL Code:

Other project names:

North City Water District

Capital Plan - Project

2020-2040 - Budget / Forecast

Misc. Engineering Reports and Upgrade Hydraulic Model

Status: Projected

Locations: District wide

Funding Source: Rates

Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Report	$ -	$ -	$ 40,000	$ 136,591	$ 22,510	$ -	$ 119,405	$ -	$ 126,677	$ -	$ -	$ 142,114	$ -	$ 146,853	$ 318,506	$ 415,644	$ 734,151
Crew time	-	-	-	2,330	-	-	3,818	2,622	-	-	-	4,426	760	-	8,770	5,186	13,956
Project management	-	-	-	5,795	-	-	6,754	6,522	-	-	-	7,830	8,065	-	19,071	15,895	34,966
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ 40,000	$ 144,715	$ 22,510	$ -	$ 129,978	$ 9,144	$ 126,677	$ -	$ -	$ 154,370	$ 8,825	$ 146,853	$ 346,347	$ 436,725	$ 783,072

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

Rationale: Multiple plans require updates per state or federal law.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 100 - Install individual PRVs for new 520 zone

Status: Projected

Locations: SE part of District

Funding Source: Rates

Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	-	-	-	-	-	437,036	-	-	-	-	-	-	437,036	437,036
Inspection	-	-	-	-	-	-	-	-	13,503	-	-	-	-	-	-	13,503	13,503
Crew time	-	-	-	-	-	-	-	-	1,350	-	-	-	-	-	-	1,350	1,350
Project management	-	-	-	-	-	-	-	-	4,478	-	-	-	-	-	-	4,478	4,478
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 456,367	$ -	$ -	$ -	$ -	$ -	$ -	$ 456,367	$ 456,367

Project description: Install individual PRVs to 400 properties to form new pressure zone.

Rationale: Individual PRVs will help keep the service pressures in the appropriate range for all the homes in the new pressure zone.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - 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	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ 153,182	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 153,182	$ -	$ 153,182
Construction	-	-	-	-	-	436,740	-	-	-	-	-	-	-	-	436,740	-	436,740
Inspection	-	-	-	-	-	8,032	-	-	-	-	-	-	-	-	8,032	-	8,032
Crew time	-	-	-	-	-	7,414	-	-	-	-	-	-	-	-	7,414	-	7,414
Project management	-	-	-	-	995	5,430	-	-	-	-	-	-	-	-	6,425	-	6,425
Legal & other	-	-	-	-	5,628	-	-	-	-	-	-	-	-	-	5,628	-	5,628
Total Costs	$ -	$ -	$ -	$ -	$ 159,804	$ 457,617	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 617,421	$ -	$ 617,421

Project description: Install 1000 lf of 8" water main NE 160th St/15th & 28th Ave connecting 590 Pressure Zone

Rationale: This project is necessary as part of forming the new 520 pressure zone.

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 102 - Connect northern end of 25th Avenue main to 520 Zone, creating north-south 520 Zone distribution

Status: Projected

Locations: 18th Ave NE & Perkins Way

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ 22,510	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 22,510	$ -	$ 22,510
Construction	-	-	-	-	41,682	-	-	-	-	-	-	-	-	-	41,682	-	41,682
Inspection	-	-	-	-	720	-	-	-	-	-	-	-	-	-	720	-	720
Crew time	-	-	-	-	960	-	-	-	-	-	-	-	-	-	960	-	960
Project management	-	-	-	579	597	-	-	-	-	-	-	-	-	-	1,176	-	1,176
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ 23,090	$ 43,959	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 67,048	$ -	$ 67,048

Project description: Install 8" water main to connect 590 Zone dead-end piping created by zone separation.

Rationale: This project is necessary as part of forming the new 520 pressure zone.

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 103 - Remove PRV-5

Status: Projected

Funding Source: Rates

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

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Engineering	$ -	$ -	$ -	$ 6,077	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,077	$ -	$ 6,077
Construction	-	-	-	15,654	-	-	-	-	-	-	-	-	-	-	15,654	-	15,654
Inspection	-	-	-	349	-	-	-	-	-	-	-	-	-	-	349	-	349
Crew time	-	-	-	582	-	-	-	-	-	-	-	-	-	-	582	-	582
Project management	-	-	-	773	-	-	-	-	-	-	-	-	-	-	773	-	773
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ 17,359	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,359	$ -	$ 17,359

Project description: Remove PRV-5

Rationale: This project is necessary as part of forming the new 520 pressure zone.

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 104 - Install 8" water mains for looping

Status: Projected

Funding Source: Rates

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

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ 69,388	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 69,388	$ -	$ 69,388
Construction	-	-	-	-	183,987	-	-	-	-	-	-	-	-	-	183,987	-	183,987
Inspection	-	-	-	-	2,399	-	-	-	-	-	-	-	-	-	2,399	-	2,399
Crew time	-	-	-	-	1,920	-	-	-	-	-	-	-	-	-	1,920	-	1,920
Project management	-	-	-	773	995	-	-	-	-	-	-	-	-	-	1,767	-	1,767
Legal & other	-	-	-	2,732	-	-	-	-	-	-	-	-	-	-	2,732	-	2,732
Total Costs	$ -	$ -	$ -	$ 72,893	$ 189,301	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 262,193	$ -	$ 262,193

Project description: Install 400 feet of 8" water mains on NE 155th Street between 30th and 32nd Ave NE.

Rationale: This project is necessary as part of forming the new 520 pressure zone.

GL Code:

Other project names:

North City Water District

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 105a - Install 8" water mains for looping

Status: Projected

Funding Source: Rates

Locations: 32nd Ave NE at NE 158th St

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ 33,547	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 33,547	$ -	$ 33,547
Construction	-	-	-	-	74,933	-	-	-	-	-	-	-	-	-	74,933	-	74,933
Inspection	-	-	-	-	960	-	-	-	-	-	-	-	-	-	960	-	960
Crew time	-	-	-	-	1,440	-	-	-	-	-	-	-	-	-	1,440	-	1,440
Project management	-	-	-	966	398	-	-	-	-	-	-	-	-	-	1,364	-	1,364
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ 34,513	$ 77,730	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 112,243	$ -	$ 112,243

Project description: Install 100 feet of 8" water mains on 32nd Ave NE at NE 158th St

Rationale: This project is necessary as part of forming the new 520 pressure zone.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 105b - Install 8" water mains for looping

Status: Projected

Locations: 33nd Ave NE at NE 158th St

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ 31,739	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 31,739	$ -	$ 31,739
Construction	-	-	-	-	-	68,752	-	-	-	-	-	-	-	-	68,752	-	68,752
Inspection	-	-	-	-	-	1,236	-	-	-	-	-	-	-	-	1,236	-	1,236
Crew time	-	-	-	-	-	741	-	-	-	-	-	-	-	-	741	-	741
Project management	-	-	-	-	1,592	820	-	-	-	-	-	-	-	-	2,411	-	2,411
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ -	$ 33,331	$ 71,549	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 104,880	$ -	$ 104,880

Project description: Install 80 feet of 8" water mains on 33rd Ave at NE 158th Street

Rationale: This project is necessary as part of forming the new 520 pressure zone.

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 106 - Relocate PRV-2

Status: Projected

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

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ 83,157	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 83,157	$ -	$ 83,157
Construction	-	-	-	-	235,213	-	-	-	-	-	-	-	-	-	235,213	-	235,213
Inspection	-	-	-	-	3,599	-	-	-	-	-	-	-	-	-	3,599	-	3,599
Crew time	-	-	-	-	4,799	-	-	-	-	-	-	-	-	-	4,799	-	4,799
Project management	-	-	-	2,897	2,984	-	-	-	-	-	-	-	-	-	5,882	-	5,882
Legal & other	-	-	-	2,732	-	-	-	-	-	-	-	-	-	-	2,732	-	2,732
Total Costs	$ -	$ -	$ -	$ 88,786	$ 246,596	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 335,381	$ -	$ 335,381

Project description: Relocate PRV from 25th to 28th Ave NE and NE 178th Street to maintain 432 hydrauiic grade line for piping loop.

Rationale: This project is necessary as part of forming the new 520 pressure zone.

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 107 - Install 12" water main across Hamlin Park

Status: Projected

Location: from Fircrest to 25th Ave NE

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 288,159	$ -	$ -	$ -	$ -	$ -	$ -	$ 288,159	$ -	$ 288,159
Construction	-	-	-	-	-	-	-	-	854,249	-	-	-	-	-	$ -	$ 854,249	854,249
Inspection	-	-	-	-	-	-	-	1,311	9,452	-	-	-	-	-	$ 1,311	$ 9,452	10,763
Crew time	-	-	-	-	-	-	-	-	13,503	-	-	-	-	-	$ -	$ 13,503	13,503
Project management	-	-	-	-	-	-	-	8,696	6,718	-	-	-	-	-	$ 8,696	$ 6,718	15,414
Legal & other	-	-	-	-	-	-	-	12,299	-	-	-	-	-	-	$ 12,299	$ -	12,299
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 310,465	$ 883,921	$ -	$ -	$ -	$ -	$ -	$ 310,465	$ 883,921	$ 1,194,386

Project description: Install 12" water main to create southern 590 Zone loop for water quality and to maintain fire flow capacity. Install check valve and 8" fire flow PRV (#14) at 590-520 Zone boundary at 25th & NE 160th St.

Rationale: For water quality and to maintain fire flow capacity

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 108 - Install new 12" main to create North/South 520 zone

Status: Projected

Funding Source: Rates

Location: 25th & 26th Ave NE/NE 178th to NE 169th Street

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 743,583	$ -	$ -	$ -	$ 743,583	$ 743,583
Construction	-	-	-	-	-	-	-	-	-	-	-	-	2,208,791	-	-	2,208,791	2,208,791
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	12,158	-	-	12,158	12,158
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	15,197	-	-	15,197	15,197
Project management	-	-	-	-	-	-	-	-	-	-	-	-	22,682	-	-	22,682	22,682
Legal & other	-	-	-	-	-	-	-	-	-	-	-	83,054	-	-	-	83,054	83,054
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 826,637	$2,258,829	$ -	$ -	$3,085,465	$ 3,085,465

Project description: Create new north-south 520 Zone transmission, replacing 4" & 6" pipe in existing 520 Zone and paralleling 6" 590 Zone pipe to the south. Required for hydraulic and fire flow capacity

Rationale: This project is necessary as part of forming the new 520 pressure zone.

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 114 - Jack & Bore 8" pipe under Bothell Way

Status: Projected

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

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ 301,119	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 301,119	$ -	$ 301,119
Construction	-	-	-	-	-	876,260	-	-	-	-	-	-	-	-	876,260	-	876,260
Inspection	-	-	-	-	-	8,650	-	-	-	-	-	-	-	-	8,650	-	8,650
Crew time	-	-	-	-	-	6,178	-	-	-	-	-	-	-	-	6,178	-	6,178
Project management	-	-	-	-	5,173	4,098	-	-	-	-	-	-	-	-	9,271	-	9,271
Legal & other	-	-	-	-	28,138	-	-	-	-	-	-	-	-	-	28,138	-	28,138
Total Costs	$ -	$ -	$ -	$ -	$ 334,429	$ 895,187	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$1,229,616	$ -	$ 1,229,616

Project description: Jack & bore 8" pipe under Bothell Way to loop dead-end piping.

Rationale: Required for fire flow and water quality.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 114a - 1952 Water Main replacement in Sheraton Beach

Status: Projected

Location: Sheridan Beach watermain

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management	-	-	-	-	-	-	-	-	-	-	-	-	5,041	-	-	5,041	5,041
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	7,129	-	-	7,129	7,129
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 12,169	$ -	$ -	$ 12,169	$ 12,169

Project description: Replace 1952 6" water mains with 8" DI water mains.

Rationale: Required for fire flow and water quality.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

Project CIP 115 - Bothell Way NE & NE 161st St

Status: Projected

Location: Bothell Way NE & NE 161st St/Sheraton Beach

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ 294,382	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 294,382	$ -	$ 294,382
Construction	-	-	-	-	-	874,044	-	-	-	-	-	-	-	-	874,044	-	874,044
Inspection	-	-	-	-	-	7,414	-	-	-	-	-	-	-	-	7,414	-	7,414
Crew time	-	-	-	-	-	6,178	-	-	-	-	-	-	-	-	6,178	-	6,178
Project management	-	-	-	-	4,974	4,098	-	-	-	-	-	-	-	-	9,072	-	9,072
Legal & other	-	-	-	-	28,138	-	-	-	-	-	-	-	-	-	28,138	-	28,138
Total Costs	$ -	$ -	$ -	$ -	$ 327,494	$ 891,735	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$1,219,229	$ -	$ 1,219,229

Project description: Replace outdated existing 6" CI pipe with 8" watermain.

Rationale: For system reliability and improving fire flow capacity.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 116 - 41st Ave NE & Beach Dr

Status: Projected

Location: 41st Ave NE & Beach Drive

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 713,296	$ -	$ -	$ -	$ 713,296	$ 713,296
Construction	-	-	-	-	-	-	-	-	-	-	-	-	2,140,227	-	-	2,140,227	2,140,227
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	18,237	-	-	18,237	18,237
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	12,158	-	-	12,158	12,158
Project management	-	-	-	-	-	-	-	-	-	-	-	8,564	8,821	-	-	17,385	17,385
Legal & other	-	-	-	-	-	-	-	-	-	-	-	83,054	-	-	-	83,054	83,054
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 804,914	$2,179,443	$ -	$ -	$2,984,356	$ 2,984,356

Project description: Replace outdated existing 6" CI pipe with 8" watermain.

Rationale: For system reliability and improving fire flow capacity.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 117 - NE 158th Street Piping

Status: Projected

Location: NE 158th St

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 276,170	$ -	$ -	$ 276,170	$ 276,170
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management	-	-	-	-	-	-	-	-	-	-	-	-	7,561	-	-	7,561	7,561
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	14,258	-	-	14,258	14,258
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 297,988	$ -	$ -	$ 297,988	$ 297,988

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

Rationale: To mitigate fire flow velocity deficiencies created by zone separation.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 118 - Install new Booster Station 1 and associated piping, and new 1.5 MG concrete reservoir

Status: Projected

Location: 15555 15th Ave NE

Funding Source: Rates

Permits: Building

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$1,354,325	$1,394,955	$ -	$ -	$ -	$ -	$2,749,280	$ 2,749,280
Construction	-	-	-	-	-	-	-	-	-	-	4,061,313	4,183,152	-	-	-	8,244,465	8,244,465
Inspection	-	-	-	-	-	-	-	-	-	-	17,190	17,706	-	-	-	34,896	34,896
Crew time	-	-	-	-	-	-	-	-	-	-	7,163	11,804	-	-	-	18,966	18,966
Project management	-	-	-	-	-	-	-	-	-	18,451	47,512	48,937	-	-	-	114,900	114,900
Legal & other	-	-	-	-	-	-	-	-	-	326,193	-	-	-	-	-	326,193	326,193
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$1,698,970	$5,528,132	$4,261,599	$ -	$ -	$ -	##########	###########

Project description: Install new BS-1 and associated yard piping. Install new 1.5 MG concrete reservoir.

Rationale: New Booster Station 1 with redundant pumping, 2,000 gpm w/ approximatetely 600 Total Design Head capacity. Install new 1.5 MG concrete reservoir.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 121a - Replace existing 4" and 6" mains on Forest Park Drive NE

Status: Projected

Location: Forest Park Drive NE/NW of 15th Ave NE

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal & other	-	-	-	-	-	-	-	30,747	-	-	-	-	-	-	30,747	-	30,747
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 30,747	$ -	$ -	$ -	$ -	$ -	$ -	$ 30,747	$ -	$ 30,747

Project description: Replace existing 4" and 6" mains with 12" main on Forest Park Drive NE - North

Rationale: To meet fire flow velocity criteria for non-residential fire flows.

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 131 - Replace existing 6" at 25th & NE 200th/Install 12" & 8" main

Status: Projected

Location: 25th Ave & NE 200th St

Funding Sourc Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$241,497	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 241,497	$ -	$ 241,497
Construction	-	-	-	-	-	-	-	645,766	-	-	-	-	-	-	645,766	-	645,766
Inspection	-	-	-	-	-	-	-	7,866	-	-	-	-	-	-	7,866	-	7,866
Crew time	-	-	-	-	-	-	-	5,244	-	-	-	-	-	-	5,244	-	5,244
Project management	-	-	-	-	-	-	2,111	2,174	-	-	-	-	-	-	4,285	-	4,285
Legal & other	-	-	-	-	-	-	23,881	-	-	-	-	-	-	-	23,881	-	23,881
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$267,489	$661,050	$ -	$ -	$ -	$ -	$ -	$ -	$ 928,538	$ -	$ 928,538

Project description: Replace existing 6" with 8" at 25th Ave NE & NE 200th. Provide piping from PRV-7 to 12" in 25th Ave NE. Install 12" main in NE 200th, parallel to existing 6" & add 8" main.

Rationale: To meet fire flow velocity criteria

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

CIP 135 - Replace 6" main on NE Serpentine PL at 10th Ave NE in the 590 Zone

Status: Projected

Location: NE Serpentine PL at 10th Ave NE

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal & other	-	-	-	-	-	-	-	3,075	-	-	-	-	-	-	3,075	-	3,075
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,075	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,075	$ -	$ 3,075

Project description: Replace 6" main with 12" main in NE Serpentine PL at 10th Ave NE in the 590 Zone.

Rationale: To meet1,750 gpm fire flow velocity criteria

GL Code:

Other project names:

North City WATER DISTRICT

Capital Plan - Project

2020-2040 - Budget / Forecast

Vacuum Truck Replacement

Status: Projected

Locations: Districtwide

Funding Source: Rates

Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-20231	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	-	-	-	597,026	-	-	-	-	-	712,880	-	597,026	712,880	1,309,907
Inspection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ 597,026	$ -	$ -	$ -	$ -	$ -	$ 712,880	$ -	$ 597,026	$ 712,880	$ 1,309,907

Project description: Replace District Vacuum Truck every 7 years

Rationale: Regular replacement of this vehicle will minimize operating costs.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

Ongoing Capital of Administration Building

Status: Projected

Locations: 1519 NE 177th Street, Shoreline

Funding Source: Rates

Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
Construction	-	50,000	-	-	-	57,964	-	10,000	-	-	-	69,212	-	-	107,964		107,964
Inspection	-	549	-	-	-	618	-	655	-	-	-	738	-	-	1,167		1,167
Crew time	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Project management	-	910	-	-	-	1,025	-	1,087	-	-	-	1,223	-	-	1,935		1,935
Legal & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Total Costs	$ -	$ 51,459	$ -	$ -	$ -	$ 59,606	$ -	$ 11,742	$ -	$ -	$ -	$ 71,173	$ -	$ -	$ 111,065		$ 111,065

Project description: Ongoing capital expenses related to the Admin building such as painting the parking lot, painting the building.

Rationale: Ongoing, regular reinvestment in maintaining the building and grounds will continue to mainain the District's investment.

GL Code:

Other project names:

Capital Plan - Project

2020-2040 - Budget / Forecast

Meter Replacement

Status: Projected
Funding Source: Rates

Locations: Various
Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Materials	$ -	$ 21,000	$ 120,000	$ 118,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 238,000	$ -	$ 259,000
District Labor	-	10,979	11,308	11,648	-	-	-	-	-	-	-	-	-	-	22,956	-	33,935
Total Costs	$ -	$ 31,979	$ 131,308	$ 129,648	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 260,956	$ -	$ 292,935

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 exisiting infrasturcure are also classified as capital costs.

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

2020-2040 - Budget / Forecast

Service Replacement

Status: Projected
Funding Source: Rates

Locations: Various
Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Materials	$ -	$ 30,000	$ 30,900	$ 31,827	$ 32,782	$ 33,765	$ 34,778	$ 35,822	$ 36,896	$ 38,003	$ 39,143	$ 40,317	$ 41,527	$ 42,773	$ 199,874	$ 238,660	$ 468,534
District Labor	-	25,718	22,617	23,295	23,994	24,714	25,455	26,219	27,005	27,816	28,650	29,510	30,395	31,307	146,294	174,683	346,695
Total Costs	$ -	$ 55,718	$ 53,517	$ 55,122	$ 56,776	$ 58,479	$ 60,233	$ 62,040	$ 63,902	$ 65,819	$ 67,793	$ 69,827	$ 71,922	$ 74,080	$ 346,168	$ 413,342	$ 815,228

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 exisiting infrasturcure are also classified as capital costs.

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

2020-2040 - Budget / Forecast

Hydrant Replacement

Status: On-going

Locations: Various

Funding Source: Rates

Permits: Not required

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Materials	$ -	$ 13,000	$ 13,390	$ 13,792	$ 14,205	$ 14,632	$ 15,071	$ 15,523	$ 15,988	$ 16,468	$ 16,962	$ 17,471	$ 17,995	$ 18,535	$ 86,612	$ 103,419	$ 203,031
District Labor	-	2,635	6,220	6,406	6,598	6,796	7,000	7,210	7,427	7,649	7,879	8,115	8,359	8,609	40,231	48,038	90,903
Total Costs	$ -	$ 15,635	$ 19,610	$ 20,198	$ 20,804	$ 21,428	$ 22,071	$ 22,733	$ 23,415	$ 24,117	$ 24,841	$ 25,586	$ 26,354	$ 27,144	$ 126,843	$ 151,457	$ 293,935

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 exisiting infrasturcure are also classified as capital costs.

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

2020-2040 - Budget / Forecast

Valve Replacement

Status: On-going

Locations: Various

Funding Source: Rates

Permits:

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Air Valves - Materials and Labo	$ -	$ 10,000	$ 10,300	$ 10,609	$ 10,927	$ 11,255	$ 11,593	$ 11,941	$ 12,299	$ 12,668	$ 13,048	$ 13,439	$ 13,842	$ 14,258	$ 66,625	$ 79,553	$ 156,178
Valves - Materials	-	7,000	7,210	7,426	7,649	7,879	8,115	8,358	8,609	8,867	9,133	9,407	9,690	9,980	46,637	55,687	109,325
Valves - District Labor	-	7,246	7,463	7,687	7,918	8,156	8,400	8,652	8,912	9,179	9,455	9,738	10,030	10,331	46,871	57,645	111,762
Total Costs	$ -	$ 24,246	$ 24,973	$ 25,723	$ 26,494	$ 27,289	$ 28,108	$ 28,951	$ 29,820	$ 30,714	$ 31,636	$ 32,585	$ 33,562	$ 34,569	$ 160,133	$ 192,886	$ 377,265

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 exisiting infrasturcure are also classified as capital costs.

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

2020-2040 - Budget / Forecast

Technology Additions & Replacement

Status: On-going

Locations: Various

Funding Source: Rates

Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Technology Additions & Replc.	$ -	13,933	127,650	15,370	18,400	20,335	6,875	22,150	7,100	19,400	3,850	20,280	14,575	18,800	210,780	84,005	308,718
Total Costs	$ -	$ 13,933	$ 127,650	$ 15,370	$ 18,400	$ 20,335	$ 6,875	$ 22,150	$ 7,100	$ 19,400	$ 3,850	$ 20,280	$ 14,575	$ 18,800	$ 210,780	$ 84,005	$ 308,718

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 exisiting infrasturcure are also classified as capital costs. Includes cyber security projects

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

2020-2040 - Budget / Forecast

Tools and Equipment

Status: On-going

Funding Source: Rates

Locations: Various

Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2020-2025	2026-2031	Project Total
Tools, Equipment and Furniture	$ -	$ 22,000	$ 12,360	$ 12,731	$ 13,113	$ 13,506	$ 13,911	$ 24,329	$ 14,758	$ 15,201	$ 15,657	$ 16,127	$ 16,611	$ 27,109	$ 89,950	$ 105,464	$ 217,413
Total Costs	$ -	$ 22,000	$ 12,360	$ 12,731	$ 13,113	$ 13,506	$ 13,911	$ 24,329	$ 14,758	$ 15,201	$ 15,657	$ 16,127	$ 16,611	$ 27,109	$ 89,950	$ 105,464	$ 217,413

Project description: The replacement of smaller capital infrastructure, such as tools, equipment and copiers.

Rationale: These items are needed for the ongoing operations and maintenance of the District and periodically need to be replaced.

GL Code:

Other project names:

North City
WATER DISTRICT

Vehicle Replacement Plan

Vehicle Replacement Plan

2020-2022 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2019	2020	2021	2022	2023	2024	TOTAL
Unit # 25 2018 -Forklift	2020	15	2020	-	30,000	-	-	-	-	$ 30,000
Unit # 2 2010 F-150 P/U	2010	7	2019	30,000	-	-	-	-	-	$ 30,000
Unit # 3 2010 F-150 P/U	2010	7	2019	30,000	-	-	-	-	-	$ 30,000
Unit # 4 Rpl Unit 21 2015 F-150 PU	2000	7	2015	-	-	-	30,000	-	-	$ 30,000
Unit # 5 GMC 10 Yard Dump	1997	15	2021	-	-	102,000	-	-	-	$ 102,000
Unit # 8 2010 F-150 4x4	2012	7	2020	-	35,000	-	-	-	-	$ 35,000
Unit # 15 Repl Unit 22 2015 F-150 PU	2001	7	2015	-	-	-	35,000	-	-	$ 35,000
Unit # 17 2007 Interl 5 Yard Dump	2007	15	2022	-	-	-	92,000	-	-	$ 92,000
Unit # 18 2013 F-350 Service Body	2013	10	2023	-	-	-	-	56,000	-	$ 56,000
Unit # 19 2013 F-150 P/U	2013	7	2020	-	35,000	-	-	-	-	$ 35,000
Unit # 20 F-550 Service Van	2013	15	2028	-	-	-	-	-	-	$ -
Unit 23 2015 Ford Explorer	2000	8	2015	-	-	-	-	38,600	-	$ 38,600
Unit 23 2015 Ford Explorer	2015	8	2023	-	-	-	-	38,600	-	$ 38,600
TR-1 Backhoe 1991	1991	25	2021	-	-	108,000	-	-	-	$ 108,000
TR-2 Backhoe 2003	2003	25	2028	-	-	-	-	-	-	$ -
TOTAL				$ 60,000	$ 100,000	$ 210,000	$ 157,000	$ 133,200	$ -	$ 660,200

Vehicle Replacement Acct	2019	2020	2021	2022	2023	2024	Total
BEGINNING BALANCE	$ 374,977	$ 395,985	$ 388,977	$ 263,421	$ 188,057	$ 134,447	$ 374,977
Sources:							
Net Interest Earnings	9,374	9,900	11,669	9,220	6,582	4,706	$ 51,451
Revenue from Surplus Sales	-	17,739	29,917	23,038	20,132	-	$ 90,825
Transfer from Operating Revenues	79,000	81,000	83,000	85,000	88,000	91,000	$ 507,000
Total Sources	$ 463,351	$ 504,623	$ 513,564	$ 380,679	$ 302,771	$ 230,152	$ 1,024,253
Uses:							
Unit # 25 2018 Forklift	-	(34,694)	-	-	-	-	$ (34,694)
Unit # 2 2010 F-150 P/U	(33,683)	-	-	-	-	-	$ (33,683)
Unit # 3 2010 F-150 P/U	(33,683)	-	-	-	-	-	$ (33,683)
Unit # 4 2000 Dodge P/U - Unit 21 2015 F-150 P/U	-	-	-	(36,807)	-	-	$ (36,807)
Unit # 5 GMC 10 Yard Dump	-	-	(121,498)	-	-	-	$ (121,498)
Unit # 8 2010 F-150 4x4	-	(40,476)	-	-	-	-	$ (40,476)
Unit # 15 2001 Chevy P/U - Unit 22 2015 F-150 P/U	-	-	-	(42,941)	-	-	$ (42,941)
Unit # 17 2007 International 5 Yard Dump	-	-	-	(112,874)	-	-	$ (112,874)
Unit # 18 2013 F-350 Service Body	-	-	-	-	(70,767)	-	$ (70,767)
Unit # 19 2013 F-150 P/U	-	(40,476)	-	-	-	-	$ (40,476)
Unit # 20 F-550 Service Van	-	-	-	-	-	-	$ -
2000 Durango - Unit 23 2015 Ford Explorer	-	-	-	-	(48,779)	-	$ (48,779)
District Manager Vehicle - Unit 24 2015 Ford Explorer	-	-	-	-	(48,779)	-	$ (48,779)
TR-1 Backhoe 1991	-	-	(128,645)	-	-	-	$ (128,645)
TR-2 Backhoe 2001	-	-	-	-	-	-	$ -
Total Uses	$ (67,367)	$ (115,646)	$ (250,142)	$ (192,622)	$ (168,324)	$ -	$ (794,101)
ENDING BALANCE	$ 395,985	$ 388,977	$ 263,421	$ 188,057	$ 134,447	$ 230,152	$ 230,152

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 14 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

2020-2022 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2025	2026	2027	2028	2029	2030	TOTAL
Unit # 25 2018 -Forklift	2020	15	2020	-	-	-	-	-	-	$ -
Unit # 2 2010 F-150 P/U	2010	7	2019	-	30,000	-	-	-	-	$ 30,000
Unit # 3 2010 F-150 P/U	2010	7	2019	-	30,000	-	-	-	-	$ 30,000
Unit # 4 Rpl Unit 21 2015 F-150 PU	2000	7	2015	-	-	-	-	30,000	-	$ 30,000
Unit # 5 GMC 10 Yard Dump	1997	15	2021	-	-	-	-	-	-	$ -
Unit # 8 2010 F-150 4x4	2012	7	2020	-	-	35,000	-	-	-	$ 35,000
Unit # 15 Repl Unit 22 2015 F-150 PU	2001	7	2015	-	-	-	-	35,000	-	$ 35,000
Unit # 17 2007 Interl 5 Yard Dump	2007	15	2022	-	-	-	-	-	-	$ -
Unit # 18 2013 F-350 Service Body	2013	10	2023	-	-	-	-	-	-	$ -
Unit # 19 2013 F-150 P/U	2013	7	2020	-	-	35,000	-	-	-	$ 35,000
Unit # 20 F-550 Service Van	2013	15	2028	-	-	-	93,000	-	-	$ 93,000
Unit 23 2015 Ford Explorer	2000	8	2015	-	-	-	-	-	-	$ -
Unit 23 2015 Ford Explorer	2015	8	2023	-	-	-	-	-	-	$ -
TR-1 Backhoe 1991	1991	25	2021	-	-	-	-	-	-	$ -
TR-2 Backhoe 2003	2003	25	2028	-	-	-	108,000	-	-	$ 108,000
TOTAL				$ -	$ 60,000	$ 70,000	$ 201,000	$ 65,000	$ -	$ 396,000

Vehicle Replacement Account	2025	2026	2027	2028	2029	2030	Total
BEGINNING BALANCE	$ 230,152	$ 332,208	$ 367,892	$ 393,114	$ 250,632	$ 279,055	$ 230,152
Sources:							
Net Interest Earnings	8,055	11,627	12,876	13,759	8,772	9,767	$ 64,857
Revenue from Surplus Sales	-	9,909	11,908	35,217	11,730	-	$ 68,764
Transfer from Operating Revenues	94,000	97,000	100,000	103,000	106,000	109,000	$ 609,000
Total Sources	$ 332,208	$ 450,744	$ 492,675	$ 545,091	$ 377,134	$ 397,822	$ 972,774
Uses:							
Unit # 25 2018 Forklift	-	-	-	-	-	-	$ -
Unit # 2 2010 F-150 P/U	-	(41,426)	-	-	-	-	$ (41,426)
Unit # 3 2010 F-150 P/U	-	(41,426)	-	-	-	-	$ (41,426)
Unit # 4 2000 Dodge P/U - Unit 21 2015 F-150 P/U	-	-	-	-	(45,268)	-	$ (45,268)
Unit # 5 GMC 10 Yard Dump	-	-	-	-	-	-	$ -
Unit # 8 2010 F-150 4x4	-	-	(49,781)	-	-	-	$ (49,781)
Unit # 15 2001 Chevy P/U - Unit 22 2015 F-150 P/U	-	-	-	-	(52,812)	-	$ (52,812)
Unit # 17 2007 International 5 Yard Dump	-	-	-	-	-	-	$ -
Unit # 18 2013 F-350 Service Body	-	-	-	-	-	-	$ -
Unit # 19 2013 F-150 P/U	-	-	(49,781)	-	-	-	$ (49,781)
Unit # 20 F-550 Service Van	-	-	-	(136,242)	-	-	$ (136,242)
2000 Durango - Unit 23 2015 Ford Explorer	-	-	-	-	-	-	$ -
District Manager Vehicle - Unit 24 2015 Ford Explorer	-	-	-	-	-	-	$ -
TR-1 Backhoe 1991	-	-	-	-	-	-	$ -
TR-2 Backhoe 2001	-	-	-	(158,217)	-	-	$ (158,217)
Total Uses	$ -	$ (82,852)	$ (99,561)	$ (294,459)	$ (98,080)	$ -	$ (574,952)
ENDING BALANCE	$ 332,208	$ 367,892	$ 393,114	$ 250,632	$ 279,055	$ 397,822	$ 397,822

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 14 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

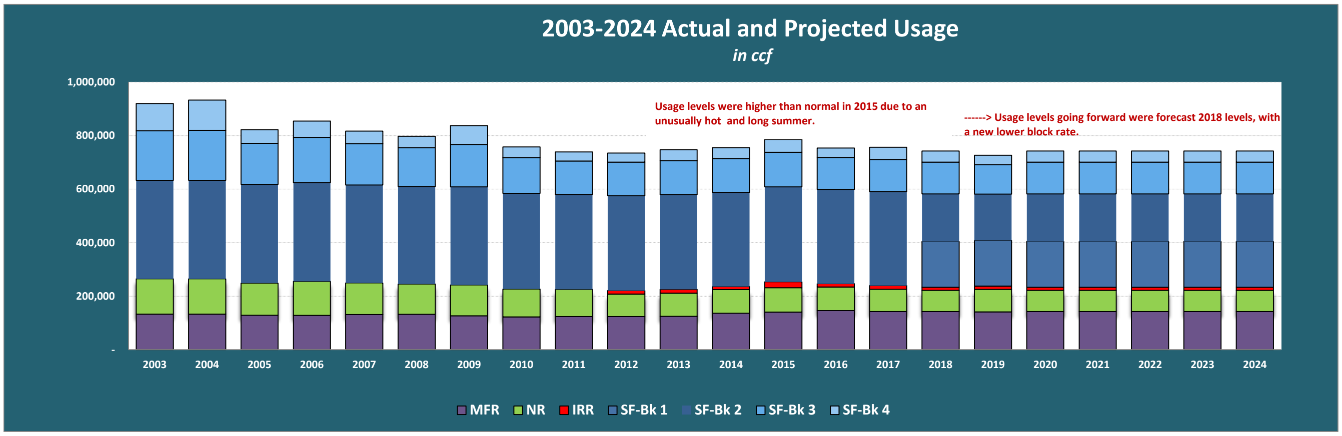
2020-2022 - Budget

Year	2011 Revenue Bond $9,865,000 Principal	Interest	PWTF Loan Prin & Int	DWSRF Loan $ 4,033,931 Est. Prin & Int	2016 Revenue Bond $7,685,000 Principal	Interest	COMBINED DEBT SERVICE	CAPITALIZED INTEREST	NET DEBT 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		37,894			798,742	(104,702)	694,040
2016	540,000	225,348		34,392		-	799,740	(155,784)	643,956
2017	555,000	214,548		329,476	-	256,167	1,355,190	(281,884)	1,073,306
2018	565,000	203,448		258,377	-	307,400	1,334,225	(200,000)	1,134,225
2019	580,000	192,148		255,559	-	307,400	1,335,107	(114,682)	1,220,425
2020	395,000	179,098		252,531	-	307,400	1,134,029	(100,000)	1,034,029
2021	405,000	169,223		249,503	-	307,400	1,131,126		1,131,126
2022	415,000	159,098		246,475	-	307,400	1,127,973		1,127,973
2023	430,000	147,685		243,447	-	307,400	1,128,532		1,128,532
2024	440,000	134,785		240,419	-	307,400	1,122,604		1,122,604
2025	455,000	121,585		237,391	-	307,400	1,121,376		1,121,376
2026	465,000	107,935		234,363	-	307,400	1,114,698		1,114,698
2027	480,000	93,985		231,335	-	307,400	1,112,720		1,112,720
2028	500,000	77,185		228,307	-	307,400	1,112,892		1,112,892
2029	515,000	58,435		225,279	-	307,400	1,106,114		1,106,114
2030	535,000	40,925		222,251	-	307,400	1,105,576		1,105,576
2031	555,000	22,200		219,223	-	307,400	1,103,823		1,103,823
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	$ 9,865,000	$ 3,087,189	$ 218,260	$ 4,743,458	$ 7,685,000	$ 7,242,967	$32,841,873	$ (1,272,969)	$ 31,568,904

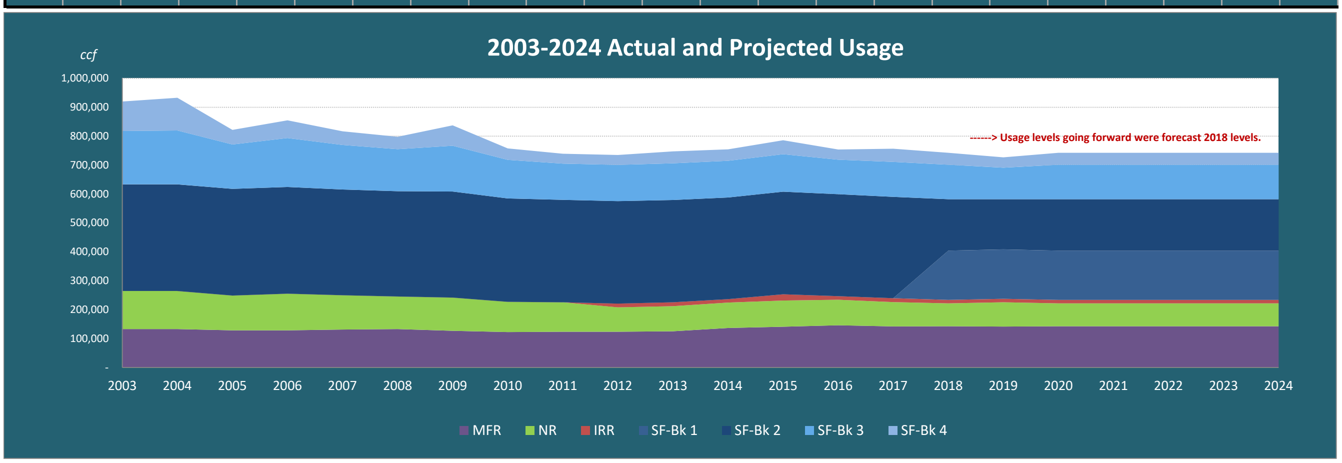
Revenues

Usage History with Forecast - 2003-2024

2020-2022 - Budget



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	12,344	11,630	11,630	11,630	11,630	11,630
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	83,887	79,422	79,422	79,422	79,422	79,422
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	141,513	142,572	142,572	142,572	142,572	142,572
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	35,758	41,288	41,288	41,288	41,288	41,288
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	109,424	119,125	119,125	119,125	119,125	119,125
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	173,620	178,046	178,046	178,046	178,046	178,046
SF-Bk 1																170,408	170,408	170,408	170,408	170,408	170,408	170,408
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	726,954	742,491	742,491	742,491	742,491	742,491



Both of the graphs shown above show the actual water usage by class, and by block within the Single Family class, from 2003 through 2019. After 2019, the usage is projected to remain at approximately the 2018 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. During 2015, the use of water during the summer months caused a temporary curtailment in water usage on a regional level but usage for North City customers was not affected. In fact, 2015 was a banner year for the District. Usage remained somewhat flat in 2016 through 2018 but is lower again in 2019 due to a cooler summer. Consequently, the 2018 usage will be used going forward.

Revenue Requirement Increases

2020-2022 - Budget

Projected Costs (Needs/Uses):	2020	2021	2022
Purchased Water and Power	$ 1,630,372	$ 1,741,600	$ 1,858,300
Salaries and Benefits (net capitalization)	1,732,591	1,801,675	1,858,189
Administration and O&M	973,200	994,463	1,041,428
Taxes and Franchise Fees	798,545	830,310	863,484
Debt Service (net capitalization)	1,033,824	1,130,924	1,127,773
Capital Transfer	1,500,000	1,500,000	1,600,000
Vechicle Replacement Contribution	81,000	83,000	85,000
Transfer to Perservation Account	50,000	50,000	50,000
Additions to (Use of) Reserves	16,174	(9,886)	(43,177)
Total Projected Costs (Needs/Uses)	7,815,707	8,122,085	8,440,997
Less Other Revenue *(Interest, Late Fees, Antenna Rents, Hookup Fees)*	(589,620)	(606,954)	(625,261)
Rate Revenues Required *(Revenue Req)*	$ 7,226,087	$ 7,515,131	$ 7,815,736
Less Revenues at Existing Rates	(6,948,161)	(7,226,087)	(7,515,131)
Revenue Short Fall	$ 277,926	$ 289,044	$ 300,605
% Rate Revenue Increase Needed	4.00%	4.00%	4.00%

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North City WATER DISTRICT

Revenue Summaries by Year

2020-2022 - Budget

	Base & Usage Revenue	ERU Revenue	Franchise Fee Revenue	Total Revenue
2020 Revenue - Across the Board Increase over Cost of Service Rates				
SERVICE REVENUE			**Rev Increase ->**	*4%*
SINGLE FAMILY	$ 4,486,216	$ 420,871	$ 294,425	$ 5,201,513
NON-SINGLE FAMILY				
Multi-Family	916,276	169,106	65,123	1,150,505
Commercial	318,026	77,419	23,727	419,172
Municipal	62,263	43,921	6,371	112,555
Wholesale	128,689	25,583	9,256	163,529
TOTAL NON-SINGLE FAMILY	1,425,254	316,030	104,477	1,845,761
IRRIGATION	116,156		6,969	123,126
FIRELINES	52,536	$ -	3,152	55,688
TOTAL SERVICE REVENUE	4,654,909	420,871	304,547	7,226,087
TOTAL OTHER REVENUE	589,620			589,620
Total Base Revenue	$ 6,160,804	$ 589,978	$ 369,670	$ 7,815,707
2021 Revenue - Across the Board Increase over 2020 Rates				
SERVICE REVENUE			**Rev Increase ->**	*4%*
SINGLE FAMILY	$ 4,665,665	$ 437,706	$ 306,202	$ 5,409,573
NON-SINGLE FAMILY				
Multi-Family	952,927	175,871	67,728	1,196,525
Commercial	330,747	80,516	24,676	435,939
Municipal	64,754	45,678	6,626	117,057
Wholesale	133,836	26,607	9,627	170,070
TOTAL NON-SINGLE FAMILY	1,482,264	328,671	108,656	1,919,591
IRRIGATION	120,803		7,248	128,051
FIRELINES	54,638		3,278	57,916
TOTAL SERVICE REVENUE	6,323,369	766,377	425,385	7,515,131
TOTAL OTHER REVENUE	606,954			606,954
Total Base Revenue	$ 7,883,251	$ 942,247	$ 493,113	$ 8,122,085
2022 Revenue - Across the Board Increase over 2021 Rates				
SERVICE REVENUE			**Rev Increase ->**	*4%*
SINGLE FAMILY	$ 4,852,292	$ 455,214	$ 318,450	$ 5,625,956
NON-SINGLE FAMILY				
Multi-Family	991,044	182,906	70,437	1,244,386
Commercial	343,977	83,736	25,663	453,376
Municipal	67,344	47,505	6,891	121,740
Wholesale	139,190	27,671	10,012	176,873
TOTAL NON-SINGLE FAMILY	1,541,555	341,818	113,002	1,996,375
IRRIGATION	125,635		7,538	133,173
FIRELINES	56,823		3,409	60,232
TOTAL SERVICE REVENUE	56,823	-	3,409	7,815,736
TOTAL OTHER REVENUE	625,261			625,261
Total Base Revenue	$ 1,673,128	$ 182,906	$ 73,846	$ 8,440,997

North City WATER DISTRICT

Cost of Service Revenue Shifts

2020 Revenues before Rate Increase

	Base & Usage Revenue	ERU/CIC Revenue	Franchise Fee Revenue	Total Revenue
Base Revenue - ***2019 customers and 2018 usage at 2019 Existing Rates***				
SERVICE REVENUE				
SINGLE FAMILY	$ 4,339,350	$ 359,277	$ 281,918	$ 4,980,544
MULTI - FAMILY	842,239	144,358	59,196	1,045,793
TOTAL NON-RESIDENTIAL				
Commercial	326,524	66,089	23,557	416,170
Municipal	64,233	37,493	6,104	107,829
Fircrest	132,434	21,839	9,256	163,529
TOTAL NON-RESIDENTIAL	523,190	125,421	38,917	687,528
IRRIGATION	128,327		7,700	136,026
FIRELINES	92,708		5,562	98,271
TOTAL SERVICE REVENUE	5,925,814	629,055	393,292	6,948,161
OTHER REVENUE	589,620			589,620
Total Base Revenue	$ 6,515,433	$ 629,055	$ 393,292	$ 7,537,781
Base Revenues with Cost of Service Shifts				
SERVICE REVENUE			Rev Increase ->	*0%*
SINGLE FAMILY	$ 4,313,670	$ 404,684	$ 283,101	$ 5,001,455
NON-SINGLE FAMILY				
Multi-Family	881,034	162,602	62,618	1,106,255
Commercial	305,794	74,441	22,814	403,050
Municipal	59,869	42,232	6,126	108,226
Wholesale	123,739	24,599	8,900	157,239
TOTAL NON-SINGLE FAMILY	1,370,436	303,875	100,459	1,774,770
IRRIGATION	111,689		6,701	118,390
FIRELINES	50,515		3,031	53,546
TOTAL SERVICE REVENUE	5,846,311	708,558	393,292	6,948,161
TOTAL OTHER REVENUE	589,620			589,620
Total Base Revenue	$ 6,435,930	$ 708,558	$ 393,292	$ 7,537,781
Net Shifts in Base Revenue by Class				
SERVICE REVENUE				
SINGLE FAMILY	$ (25,680)	$ 45,407	$ 1,184	$ 20,911
NON-SINGLE FAMILY				
Multi-Family	38,795	18,245	3,422	60,462
Commercial	(20,730)	8,353	(743)	(13,120)
Municipal	(4,364)	4,739	22	397
Wholesale	(8,694)	2,760	(356)	(6,290)
TOTAL NON-SINGLE FAMILY	5,007	34,096	2,346	41,449
IRRIGATION	(16,638)	-	(998)	(17,636)
FIRELINES	(42,193)	-	(2,532)	(44,724)
TOTAL SERVICE REVENUE	(79,503)	79,503	(0)	(0)
TOTAL OTHER REVENUE	-			-
Total Revenue - 2020 b/f Rate Inc	*(79,503)*	*$ 79,503*	*(0)*	*(0)*

Rates

Water Rates & Charges

North City WATER DISTRICT

2020 RATES - 4% INCREASE ACROSS THE BOARD FROM COS RATES

Rate Code	Meter Size	Meter Rate	Meter Rate	Usage Rates				ERU Rate
Rate Code	**Single Family Residential or Open Air Condominium** *BI-MONTHLY*			Usage 0 - 4 CCF	Usage 5 - 10 CCF	Usage 11 - 24 CCF	Usage 25 and > CCF	ERU *BI-MONTHLY*
158	5/8 / 3/4		$ 51.47	$ 2.54	$ 3.99	$ 5.45	$ 6.90	$ 9.29
101	1"		$ 95.35	2.54	3.99	5.45	6.90	$ 9.29
115	1 ½"		$ 164.57	2.54	3.99	5.45	6.90	$ 9.29
102	2"		$ 256.75	2.54	3.99	5.45	6.90	$ 9.29
Rate Code	**1" Flow-Through Residential Meters (domestic and fire protection)** Billed Bi-Monthly			Usage 0 - 4 CCF	Usage 5 - 10 CCF	Usage 11 - 24 CCF	Usage 25 and > CCF	ERU *BI-MONTHLY*
159	1"		$ 51.47	$ 2.54	$ 3.99	$ 5.45	$ 6.90	$ 9.29
Rate Code	**Non-Single Family - Multifamily** *BI-MONTHLY*				Usage Threshold	Water Use Charge		ERU *BI-MONTHLY*
558	5/8 / 3/4		$ 51.47		0 and > CCF	$ 4.43		$ 9.29
501/521	1"		$ 95.35		0 and > CCF	$ 4.43		$ 9.29
515/525	1 ½"		$ 164.57		0 and > CCF	$ 4.43		$ 9.29
502/522	2"		$ 256.75		0 and > CCF	$ 4.43		$ 9.29
503/523	3"		$ 578.57		0 and > CCF	$ 4.43		$ 9.29
Rate Code	**Non-Single Family - Multifamily** *BI-MONTHLY/* MONTHLY				Usage Threshold	Water Use Charge		ERU *BI-MONTHLY*
504/524	4"	$ 850.70	$ 425.35		0 and > CCF	$ 4.43		$ 9.29
506/526	6"	$ 1,586.99	$ 793.49		0 and > CCF	$ 4.43		$ 9.29
Rate Code	**Non-Single Family - Commercial** *BI-MONTHLY*				Usage Threshold	Water Use Charge		ERU *BI-MONTHLY*
458	5/8 / 3/4		$ 51.47		0 and > CCF	$ 4.43		$ 9.29
401	1"		$ 95.35		0 and > CCF	$ 4.43		$ 9.29
415	1 ½"		$ 164.57		0 and > CCF	$ 4.43		$ 9.29
402	2"		$ 256.75		0 and > CCF	$ 4.43		$ 9.29
403	3"		$ 578.57		0 and > CCF	$ 4.43		$ 9.29
404	4"		$ 850.70		0 and > CCF	$ 4.43		$ 9.29
406	6"		$ 1,586.99		0 and > CCF	$ 4.43		$ 9.29
408	8"		$ 2,464.65		0 and > CCF	$ 4.43		$ 9.29
Rate Code	**Non-Single Family - Municipal** *BI-MONTHLY/* MONTHLY				Usage Threshold	Water Use Rate		ERU *BI-MONTHLY*
118	5/8 / 3/4	$ 51.47	$ 25.73		0 and > CCF	$ 4.43		$ 9.29
111	1"	$ 95.35	$ 47.68		0 and > CCF	$ 4.43		$ 9.29
119	1 ½"	$ 164.57	$ 82.28		0 and > CCF	$ 4.43		$ 9.29
112	2"	$ 256.75	$ 128.37		0 and > CCF	$ 4.43		$ 9.29
113	3"	$ 578.57	$ 289.29		0 and > CCF	$ 4.43		$ 9.29
114	4"	$ 850.70	$ 425.35		0 and > CCF	$ 4.43		$ 9.29
Rate Code	**Non-Single Family - Fircrest** *BI-MONTHLY/* MONTHLY				Usage Threshold	Water Use Rate	**Rate Code**	ERU *BI-MONTHLY*
626	6"	$ 1,586.99	$ 793.49		0 and > CCF	$ 4.43	606	$ 9.29
628	8"	$ 2,464.65	$ 1,232.33		0 and > CCF	$ 4.43	608	$ 9.29
Rate Code	**LIFE SAVING MEDICAL TREATMENT** Single Family Residential or Open Air Condominium *BI-MONTHLY*			Usage 0 - 4 CCF	Usage 5 - 10 CCF	Usage 11 - 24 CCF	Usage 25 and > CCF	ERU *BI-MONTHLY*
358	5/8 / 3/4		$ 51.47	$ 2.54	$ 3.99	$ 5.45	$ 6.90	$ 9.29
301	1"		$ 95.35	2.54	3.99	5.45	6.90	$ 9.29
315	1 ½"		$ 164.57	2.54	3.99	5.45	6.90	$ 9.29
302	2"		$ 256.75	2.54	3.99	5.45	6.90	$ 9.29
Rate Code	**Fire Sprinkler Service** BI-MONTHLY/MONTHLY							
F10	1.0"	$ 10.30	$ 5.15					
F15	1.5"	$ 13.24	$ 6.62					
F20	2"	$ 21.33	$ 10.67					
F30	3"	$ 80.92	$ 40.46					
F40	4"	$ 102.99	$ 51.49					
F60	6"	$ 154.48	$ 77.24					
F80	8"	$ 213.33	$ 106.66					
Rate Code	**Irrigation** *BI-MONTHLY/* MONTHLY				Usage Threshold	Water Use Charge		
258/258	5/8 / 3/4	$ 44.58	$ 22.29		0 and > CCF	$ 7.70		
211/211	1"	$ 78.13	$ 39.07		0 and > CCF	7.70		
215/215	1 ½"	$ 130.13	$ 65.07		0 and > CCF	7.70		
202/202	2"	$ 201.65	$ 100.82		0 and > CCF	7.70		
203/203	3"	$ 468.37	$ 234.19		0 and > CCF	7.70		
204/204	4"	$ 678.51	$ 339.26		0 and > CCF	7.70		
206/206	6"	$ 1,242.62	$ 621.31		0 and > CCF	7.70		
208/208	8"	$ 1,913.66	$ 956.83		0 and > CCF	7.70		

Fee added to the customers total billing.

Water Rates & Charges

2021 -2022 Budget

	Meter Size	Meter Rate	Usage Rates				ERU Rate
Rate Code	**Single Family Residential or Open Air Condominium** *BI-MONTHLY*		Usage 0 - 4 CCF	Usage 5 - 10 CCF	Usage 11 - 24 CCF	Usage 25 and > CCF	ERU *BI-MONTHLY*
158	5/8 / 3/4						
101	1"						
115	1 ½"						
102	2"						
Rate Code	**1" Flow-Through Residential Meters (domestic and fire protection)** Billed Bi-Monthly		Usage 0 - 4 CCF	Usage 5 - 10 CCF	Usage 11 - 24 CCF	Usage 25 and > CCF	ERU *BI-MONTHLY*
159	1"						
Rate Code	**Non-Single Family - Multifamily** *BI-MONTHLY*			Usage Threshold	Water Use Charge		ERU *BI-MONTHLY*
558	5/8 / 3/4			0 and > CCF			
501/521	1"			0 and > CCF			
515/525	1 ½"			0 and > CCF			
502/522	2"			0 and > CCF			
503/523	3"			0 and > CCF			
Rate Code	**Non-Single Family - Multifamily** *BI-MONTHLY/* MONTHLY			Usage Threshold	Water Use Charge		ERU *BI-MONTHLY*
504/524	4"			0 and > CCF			
506/526	6"			0 and > CCF			
Rate Code	**Non-Single Family - Commercial** *BI-MONTHLY*			Usage Threshold	Water Use Charge		ERU *BI-MONTHLY*
458	5/8 / 3/4			0 and > CCF			
401	1"			0 and > CCF			
415	1 ½"			0 and > CCF			
402	2"			0 and > CCF			
403	3"			0 and > CCF			
404	4"			0 and > CCF			
406	6"			0 and > CCF			
408				0 and > CCF			
Rate Code	**Non-Single Family - Municipal** *BI-MONTHLY/* MONTHLY			Usage Threshold	Water Use Rate		ERU *BI-MONTHLY*
118	5/8 / 3/4			0 and > CCF			
111	1"			0 and > CCF			
119	1 ½"			0 and > CCF			
112	2"			0 and > CCF			
113	3"			0 and > CCF			
114	4"			0 and > CCF			
Rate Code	**Non-Single Family - Wholesale** *BI-MONTHLY/* MONTHLY			Usage Threshold	Water Use Rate	**Rate Code**	Mon ERU *BI-MONTHLY*
626	6"			0 and > CCF			
628	8"			0 and > CCF			
Rate Code	**LIFE SAVING MEDICAL TREATMENT** Single Family Residential or Open Air Condominium *BI-MONTHLY*		Usage 0 - 4 CCF	Usage 5 - 10 CCF	Usage 11 - 24 CCF	Usage 25 and > CCF	ERU *BI-MONTHLY*
358	5/8 / 3/4						
301	1"						
315	1 ½"						
302	2"						
Rate Code	**Fire Sprinkler Service** BI-MONTHLY/MONTHLY						
F10	1.0"						
F15	1.5"						
F20	2"						
F30	3"						
F40	4"						
F60	6"						
F80	8"						
Rate Code	**Irrigation** *BI-MONTHLY/* MONTHLY			Usage Threshold	Water Use Charge		
258/258	5/8 / 3/4			0 and > CCF			
211/211	1"			0 and > CCF			
215/215	1 ½"			0 and > CCF			
202/202	2"			0 and > CCF			
203/203	3"			0 and > CCF			
204/204	4"			0 and > CCF			
206/206	6"			0 and > CCF			
208/208	8"			0 and > CCF			

Fee added to the customers total billing.

Bi-Monthly Bill Comparisons

2020 - Budget

DISTRICT/CITY	Winter Usage - 11 CCF Base Rate	Winter Usage - 11 CCF Usage	Winter Usage - 11 CCF Total	Summer Usage - 20 CCF Base Rate	Summer Usage - 20 CCF Usage	Summer Usage - 20 CCF Total	Annualized Total
2019							
WD 119	$ 90.00	$ 32.98	$ 122.98	$ 90.00	$ 105.51	$ 195.51	$ 147.16
Seattle Public Utilities-Shoreline & LFP	$ 41.60	$ 70.29	$ 111.89	$ 41.60	$ 166.85	$ 208.45	$ 144.08
City of Duvall	$ 54.90	$ 55.53	$ 110.43	$ 54.90	$ 134.64	$ 189.54	$ 136.80
Seattle Public Utilities-inside Seattle	$ 34.30	$ 57.97	$ 92.27	$ 34.30	$ 137.62	$ 171.92	$ 118.82
City of Bellevue	$ 53.11	$ 45.78	$ 98.90	$ 53.11	$ 98.34	$ 151.46	$ 116.42
North City Water District	$ 62.96	$ 38.18	$ 101.14	$ 62.96	$ 83.90	$ 146.86	$ 116.38
Skyway Water & Sewer District	$ 40.02	$ 52.41	$ 92.43	$ 40.02	$ 114.76	$ 154.78	$ 113.21
Woodinville Water District	$ 43.80	$ 45.64	$ 89.44	$ 43.80	$ 113.91	$ 157.71	$ 112.20
Lake Forest Park Water District	$ 61.30	$ 39.90	$ 101.20	$ 61.30	$ 72.55	$ 133.85	$ 112.08
City of Mercer Island	$ 36.48	$ 50.60	$ 87.07	$ 36.48	$ 116.46	$ 152.94	$ 109.03
City of Kirkland	$ 47.55	$ 39.92	$ 87.47	$ 47.55	$ 91.25	$ 138.80	$ 104.58
Coal Creek	$ 43.91	$ 40.90	$ 84.81	$ 43.91	$ 83.20	$ 127.11	$ 98.91
Sammamish Plateau	$ 61.74	$ 22.22	$ 83.96	$ 61.74	$ 43.92	$ 105.66	$ 91.19
Highline Water District	$ 32.12	$ 43.49	$ 75.61	$ 32.12	$ 90.05	$ 122.17	$ 91.13
WD 90	$ 55.85	$ 19.80	$ 75.65	$ 55.85	$ 63.75	$ 119.60	$ 90.30
Northshore Utility District	$ 32.01	$ 41.29	$ 73.30	$ 32.01	$ 83.74	$ 115.75	$ 87.45
City of Renton	$ 37.59	$ 33.16	$ 70.75	$ 37.59	$ 77.70	$ 115.29	$ 85.60
City of Bothell	$ 31.81	$ 35.82	$ 67.63	$ 31.81	$ 77.14	$ 108.95	$ 81.41
Olympic View Water & Sewer District	$ 40.38	$ 24.20	$ 64.58	$ 40.38	$ 49.00	$ 89.38	$ 72.85
2020							
Seattle Public Utilities-Shoreline & LFP	$ 44.80	$ 72.05	$ 116.85	$ 44.80	$ 200.38	$ 245.18	$ 159.63
City of Kirkland (assumes a 4% inc)	$ 49.45	$ 53.38	$ 102.83	$ 49.45	$ 121.66	$ 171.12	$ 125.60
North City Water District	$ 64.41	$ 41.92	$ 106.33	$ 64.41	$ 93.94	$ 158.35	$ 123.67
Seattle Public Utilities-Inside Seattle	$ 36.90	$ 59.40	$ 96.30	$ 36.90	$ 140.53	$ 177.43	$ 123.34
Woodinville Water District	$ 45.10	$ 57.43	$ 102.53	$ 45.10	$ 117.14	$ 162.24	$ 122.43
City of Bellevue (assumes a 4% inc)	$ 55.23	$ 47.67	$ 102.91	$ 55.23	$ 102.36	$ 157.59	$ 121.14

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

	2019 Bi-Monthly Bill 11 CCF	2019 Bi-Monthly Bill 20 CCF	2020 Bi-Monthly Bill 11 CCF	2020 Bi-Monthly Bill 20 CCF
Base Charge				
Base Rate 5/8"	$ 51.47	$ 51.47	$ 51.47	$ 51.47
Fire Protection per 1 ERU	$ 4.47	$ 4.47	$ 9.29	$ 9.29
Capital Improvement Charge PER ERU	$ 3.46	$ 3.46	$ -	$ -
Franchise Fee (6% FF)	$ 3.56	$ 3.56	$ 3.65	$ 3.65
Total Base Charge	$ 62.96	$ 62.96	$ 64.41	$ 64.41
Consumption Charge *(including 6% FF)*	$ 38.18	$ 83.90	$ 41.92	$ 93.94
Total Bi-Monthly Beill	$ 101.14	$ 146.86	$ 106.33	$ 158.35

Consumption Rates	2019	2019 w FF	2020	2020 w FF
Block 1 = 0-4 ccf			*$ 2.54*	*$ 2.69*
Block 2 = 5-10 ccf	*$ 3.12*	*$ 3.31*	*$ 3.99*	*$ 4.23*
Block 3 = 11- 24 ccf	*$ 4.79*	*$ 5.08*	*$ 5.45*	*$ 5.78*
Block 4 = over 25 ccf	*$ 6.45*	*$ 6.84*	*$ 6.90*	*$ 7.31*

North City WATER DISTRICT

Forecasts

North City WATER DISTRICT

Cash Flow Forecast

2020-2040 Forecast

OPERATING ACCOUNT	2020	2021	2022	2023	2024	2025	2026-2031	2032-2040
Sources:								
BEGINNING BALANCE	$ 1,284,318	$ 1,285,375	$ 1,259,541	$ 1,199,550	$ 1,215,915	$ 1,217,363	$ 1,217,363	$ 1,274,838
Rate Revenue Increase	*4.0%*	*4.0%*	*4.0%*	*4.0%*	*4.00%*	*4.00%*		
REVENUE								
Net Interest Earnings	32,108	32,134	31,489	29,989	30,398	30,434	210,657	355,492
Fixed and Usage Service Revenue	2,457,686	2,555,993	2,658,233	2,764,563	2,875,145	2,990,151	19,936,207	42,652,219
All Other Service Revenues	4,895,140	5,090,945	5,294,583	5,506,366	5,726,621	5,955,686	39,708,294	84,953,311
Total Service Revenues	7,352,826	7,646,939	7,952,816	8,270,929	8,601,766	8,945,837	59,644,501	127,605,529
Total Other Revenues	415,425	426,822	439,622	452,842	466,495	480,597	3,114,982	6,279,871
TOTAL REVENUE	7,768,251	8,073,760	8,392,439	8,723,771	9,068,261	9,426,434	62,759,484	133,885,401
Total Sources	$ 9,084,677	$ 9,391,269	$ 9,683,468	$ 9,953,309	$ 10,314,575	$ 10,674,231	$ 64,187,504	$ 135,515,731
Uses:								
OPERATING COSTS								
Total Admin/Planning/Cust Service/Taxes	$ 2,398,335	$ 2,457,301	$ 2,567,331	$ 2,654,299	$ 2,744,214	$ 2,842,734	18,844,473	38,630,679
SPU Rate Increase	*6% SPU Inc*	*7% SPU Inc*	*7% SPU Inc*	*7% SPU Inc*	*7% SPU Inc*	*7% SPU Inc*	*7% SPU Inc*	
Water Purchases	1,557,572	1,666,600	1,783,300	1,908,131	2,041,700	2,184,619	15,627,216	42,019,036
All Other O&M costs	1,178,571	1,243,903	1,270,514	1,308,629	1,347,888	1,391,341	9,050,808	17,819,351
TOTAL OPERATING COSTS	5,134,478	5,367,805	5,621,145	5,871,059	6,133,802	6,418,695	43,522,497	98,469,065
CAPITAL COSTS								
Transfer CIC Revenues to Capital	-	-	-	-	-	-	-	-
Transfer to Vehicle Replacement Account	81,000	83,000	85,000	88,000	91,000	94,000	609,000	1,171,000
Transfer to Capital in Lieu of Depreciation	1,500,000	1,500,000	1,600,000	1,600,000	1,700,000	1,700,000	10,100,000	21,000,000
Total Debt Service (Net of Capitalization)	1,033,824	1,130,924	1,127,773	1,128,335	1,122,409	1,121,184	8,434,459	12,502,313
TOTAL CAPITAL COSTS	2,614,824	2,713,924	2,812,773	2,816,335	2,913,409	2,915,184	19,143,459	34,673,313
Transfer to Perservation Account	50,000	50,000	50,000	50,000	50,000	50,000	150,000	-
Total Uses	$ 7,799,302	$ 8,131,729	$ 8,483,918	$ 8,737,394	$ 9,097,212	$ 9,383,879	$ 62,815,956	$ 133,045,128
ENDING BALANCE - OPERATING ACCOUNT	$ 1,285,375	$ 1,259,541	$ 1,199,550	$ 1,215,915	$ 1,217,363	$ 1,290,352	$ 1,371,547	$ 2,470,603

CAPITAL ACCOUNT	2020	2021	2022	2023	2024	2025	2026-2031	2032-2040
Sources:								
BEGINNING BALANCE	$ 7,969,131	$ 4,265,270	$ 5,237,806	$ 6,614,024	$ 5,838,301	$ 6,504,025	$ 7,617,797	$ 7,075,519
Transfer CIC Revenues from Operations	-	-	-	-	-	-	-	-
Transfer from Operations in Lieu of Depreciation	1,500,000	1,500,000	1,600,000	1,600,000	1,700,000	1,700,000	10,300,000	21,000,000
New Bond Proceeds	-	-	-	-	-	-	10,000,000	-
Total Other Sources of Funds	322,337	1,211,332	1,614,229	274,082	124,249	696,370	1,966,688	2,554,827
Total Sources	$ 9,791,468	$ 6,976,602	$ 8,452,035	$ 8,488,105	$ 7,662,549	$ 8,900,395	$ 29,884,486	$ 30,630,346
Total Uses	$ 5,526,198	$ 1,738,796	$ 1,838,012	$ 2,649,805	$ 1,158,524	$ 1,282,598	$ 22,808,967	$ 25,305,655
ENDING BALANCE - CAPITAL ACCOUNT	$ 4,265,270	$ 5,237,806	$ 6,614,024	$ 5,838,301	$ 6,504,025	$ 7,617,797	$ 7,075,519	$ 5,324,691

OTHER FUNDS / ACCOUNTS	2020	2021	2022	2023	2024	2025	2026-2031	2032-2040
END BAL - VEHICLE REPLACEMENT ACCOUNT	$ 388,977	$ 263,421	$ 188,057	$ 134,447	$ 230,152	$ 332,208	$ 414,943	$ 750,132
ENDING BALANCE - PRESERVATION ACCOUNT	$ 312,829	$ 367,834	$ 423,719	$ 480,499	$ 538,187	$ 596,798	$ -	$ -
ENDING BALANCE - RETAINAGE ACCOUNT	$ 119,720	$ 119,720	$ 119,720	$ 119,720	$ 119,720	$ 119,720	$ 119,720	$ 119,720
ENDING BALANCE - BOND FUND	$ 16,435	$ 16,435	$ 16,435	$ 16,435	$ 16,435	$ 16,435	$ 16,435	$ 16,435
Ending Bal - All District Cash	$ 6,388,606	$ 7,264,757	$ 8,561,505	$ 7,805,317	$ 8,625,882	$ 9,973,310	$ 8,998,165	$ 8,681,581