NORTH CITY Water District

2019-2020 Budget

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

Table of Contents

North City WATER DISTRICT

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

November 30, 2018

Commissioners Haines and Ricker -

Attached please find North City Water District's Proposed Budget for 2019-2020. This is the second two year budget the District has had. The first two year budget helped us to work on a several multi-year projects relating to personnel, district business, customer relations and operations. We are proposing a second, two year budget to 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.

2017-2018 ACHIEVEMENTS
We will begin summarizing our information in a report format similar to the AWWA Benchmarking:

Organizational Development:
(1) hire and train three new employees,
(2) Provide continuing education for all employees and commissioners
(3) implement and refine the District's payroll and tax reporting systems,
(4) made changes to the District's personnel manual to meet new regulations
(5) prepare for the departure and replacement of the Finance Manager
(6) Prepare and adopt a Rules of Procedure for the Commissioners
(7) Prepare for the departure and replacement of a Commissioner
(8) Staff present talks at AWWA and WASWD events

Business Operations:
(1) Completed three successful audits – 2 financial and 1 accountability audit
(2) Update the District's Connection Charge
(3) Did not implement a 3% rate increase in 2018 as proposed given adequate revenue was received in 2017
(4) Introduce and expand our new epayments system with our ratepayers
(5) Develop a draft Asset Management Plan for the District
(6) Updated the District's Water System Extension Agreement (WSEA)
(7) Signed five WSEAs in 2017 and 8 in 2018. Closed 1 WSEA

Customer Relations:
(1) Review and update the District's board room policies
(2) Continue to improve implementation of the District's Cross Connection Control program
(3) Work with Shoreline Fire Department and other Fire Departments, to provide training opportunities at District facilities
(4) Continue communicating and educating our legislators
(5) 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

Water Operations:

(1) Continue to proactively provide maintenance and replacement of District system components
(2) Begin electronic tracking of District maintenance of hydrant and valves
(3) Continue to clean, maintain and paint district hydrants to AWWA standards
(4) Install and monitor six new water quality monitoring stands
(5) Calibrate and update District's hydraulic model
(6) Begin updating the District's Water System Plan

In the coming **2019-2020 the District expects to:**

Organizational Development:

(1) Hire and train a new Accountant
(2) Continue to document financial policies and procedures with outgoing and incoming Finance Managers
(3) Replace and train a new Commissioner
(4) Continue to provide appropriate training opportunities for staff and commissioners
(5) Complete a comprehensive review of the Personnel Manual
(6) Research and update the fixed asset schedule.

Business Operations:

(1) Complete three successful audits – 2 financial and 1 accountability audit
(2) Update the District's Connection Charge
(3) Complete a Cost of Service Study and multi year rate projections
(4) Complete updating the District's Code
(5) Close out all outstanding WSEAs as they are completed by the developer
(6) Consider completing the AWWA Benchmarking Survey

Customer Relations:

(1) Continue to improve implementation of the District's Cross Connection Control program
(2) Continue working with both Shoreline and Northshore Fire Districts
(3) Continue communicating and educating our legislators
(4) 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

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
(3) Continue to clean, maintain and paint district hydrants to AWWA standards
(4) Complete and adopt District's Water System Plan
(5) Begin multi year process to update District's GIS system and reconcile to the Fixed Asset schedule.
(6) 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 2019 and 2020, SPU will increase its wholesale water rate by 6% each year. Despite this significant increase, the District's management proposes only a 4% increase in the water rate that it charges customers across the board. This will be sufficient to cover all increased expenses, capital infrastructure needs and the cost of inflation. The District expects to complete a Cost of Service Study once the Capital Improvement Plan has been finalized in the Water System Plan after the first of the year. The 4% projected increase in 2020 may have some variation in how that is applied over the different customer classes.

From all of us on the Management Team, we are truly looking forward to two more successful years in 2019 and 2020.

N. Diane Pottinger

Diane Pottinger, PE
District Manager

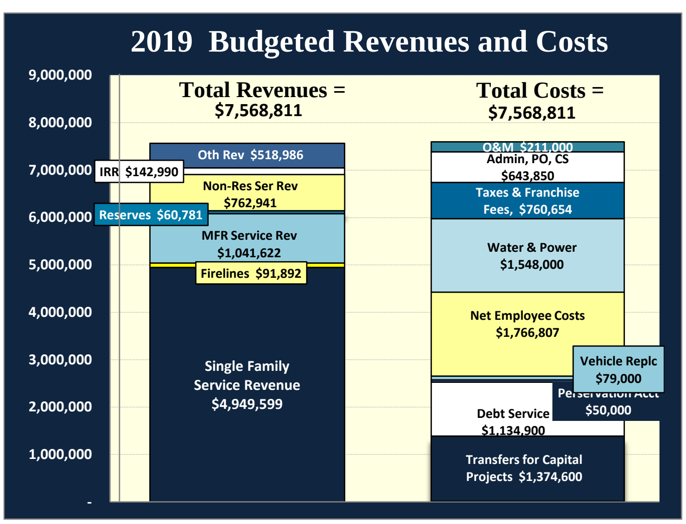
Budget at a Glance

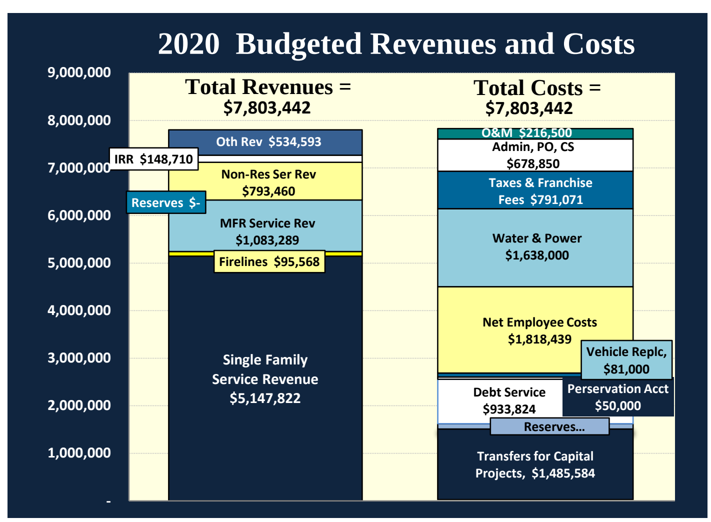
North City WATER DISTRICT

Operating Budget at a Glance

2019-2020 - Budget

	2017 Actual	2018 Budget	2018 Projected Year-End	2019 Budget	Chg 2019 Budget - 2018 YE	Percent Change	2020 Budget	Change 2020 - 2019 Budget	Percent Change
Revenue									
SERVICE REVENUE:									
SINGLE FAMILY	$4,740,741	$4,728,776	$ 4,781,603	$ 4,949,599	$167,996	3.5%	$ 5,147,822	$ 198,223	4%
MULTI - FAMILY	973,929	999,376	992,301	1,041,622	49,321	5.0%	1,083,289	41,667	4%
NON-RESIDENTIAL	753,982	749,228	689,561	762,941	73,380	10.6%	793,460	30,519	4%
IRRIGATION	138,813	137,726	131,647	142,990	11,344	8.6%	148,710	5,720	4%
FIRELINES	88,161	90,200	92,369	91,892	(477)	-0.5%	95,568	3,676	4%
TOTAL SERVICE REVENUE	6,695,626	6,705,306	6,687,481	6,989,045	301,564	4.5%	7,268,849	279,805	4%
OTHER REVENUE	579,035	564,336	510,220	518,986	8,766	1.7%	534,593	15,607	3%
Total Revenue	7,274,661	7,269,642	7,197,700	7,508,030	310,330	4.3%	7,803,442	295,411	4%
Net Use of Reserves	131,415		(3,140)	60,781	63,921		-	(60,781)	
Total Revenues	$7,406,076	$7,269,642	$ 7,194,561	$ 7,568,811	$374,251	5.1%	$7,803,442	$ 234,631	3.1%
Costs									
Operating Costs									
BUSINESS ADMINISTRATION	154,589	180,200	175,638	223,200	47,562	31%	253,200	30,000	13%
PLANNING AND DEVELOPMENT	3,646	23,000	18,991	13,000	(5,991)	-164%	11,000	(2,000)	-15%
PUBLIC AND REGIONAL OUTREACH [1]	52,377	62,100	46,378	55,000	8,622	16%	56,000	1,000	2%
OFFICE AND RECORDS MANAGEMENT	253,498	215,200	247,504	265,150	17,646	7%	269,150	4,000	2%
CUSTOMER SERVICE AND BILLING	73,993	64,300	85,428	87,500	2,072	3%	89,500	2,000	2%
PURCHASED WATER AND POWER	1,413,339	1,650,000	1,440,231	1,548,000	107,769	8%	1,638,000	90,000	6%
OPERATIONS AND MAINTENANCE	208,473	203,600	193,351	211,000	17,649	8%	216,500	5,500	3%
TAXES AND FRANCHISE FEES	736,587	732,776	732,764	760,654	27,890	4%	791,071	30,417	4%
PASS-THRU COSTS	9,590	8,100	-	-	-	0%	-	-	0%
EMPLOYEE COSTS (Net Capitalization)	1,653,964	1,526,963	1,725,339	1,766,807	41,468	3%	1,818,439	51,632	3%
Total Operating Costs	4,560,058	4,666,239	4,665,624	4,930,311	264,687	6%	5,142,860	212,549	4%
Capital Costs									
DEBT SERVICE *(Net of capitalization)*	1,068,832	1,084,225	1,134,225	1,134,900	675	0%	933,824	(201,075)	-18%
CAPITAL TRANSFERS	1,652,186	1,370,556	1,267,712	1,374,600	106,889	6%	1,485,584	110,984	8%
VEHICLE REPLACEMENT TRANSFER	75,000	77,000	77,000	79,000	2,000	3%	81,000	2,000	3%
Total Capital Costs	2,796,018	2,531,781	2,478,936	2,588,500	109,564	4%	2,500,408	(88,091)	-3%
TRANSFER TO PRESERVATION ACCT	50,000	50,000	50,000	50,000	-	n/a	50,000	-	
Net Additions to Reserves	-	21,623	-	-	-		110,173	110,173	n/a
Total Costs	$7,406,076	$7,269,642	$ 7,194,561	$ 7,568,811	$374,251	5.1%	$7,803,442	$ 234,631	3.1%





North City
WATER DISTRICT

Operating Costs

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

2019 - Budget

	2017 Actual	*2018 Budget*	*2018 Projected YE*	2019 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	47,803	45,800	37,011	46,000	46,000	-	-	-	-	-	-	-	-
Financial Services	19,049	27,000	15,000	60,000	60,000	-	-	-	-	-	-	-	-
Insurance	84,441	89,300	102,946	113,000	113,000	-	-	-	-	-	-	-	-
Elections	-	15,000	16,901	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other	3,297	3,100	3,780	4,200	4,200	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATI	154,589	180,200	175,638	223,200	223,200	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT													
Professional Services	3,646	22,000	18,950	12,000	12,000	-	-	-	-	-	-	-	-
Other Planning & Developmer	-	1,000	40	1,000	1,000	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPME	3,646	23,000	18,991	13,000	13,000	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH													
Regional Dues & Membership	16,888	19,400	15,031	18,000	18,000	-	-	-	-	-	-	-	-
Newsletters/Website/Special E	34,813	39,800	31,131	35,000	35,000	-	-	-	-	-	-	-	-
Other Public Outreach	676	2,900	216	2,000	2,000	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUT	52,377	62,100	46,378	55,000	55,000	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT													
General Office Expense	9,574	6,700	10,008	12,500	12,500	-	-	-	-	-	-	-	-
Office Supplies & Equipment	13,226	17,900	24,387	17,650	12,650	-	5,000	-	-	-	-	-	-
Computer Systems	103,423	104,300	95,271	109,000	79,000	-	30,000	-	-	-	-	-	-
Phones & Internet	38,007	25,500	35,769	35,500	20,000	-	15,500	-	-	-	-	-	-
Building & Grounds Maint & R	89,268	60,800	82,068	90,500	50,500	-	40,000	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MAN/	253,498	215,200	247,504	265,150	174,650	-	90,500	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING													
Billing	62,598	56,100	64,782	66,000	-	66,000	-	-	-	-	-	-	-
Reporting	7,500	8,200	8,429	8,500	-	8,500	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BI	73,993	64,300	85,428	87,500	-	74,500	13,000	-	-	-	-	-	-
PURCHASED WATER & POWER													
Water	1,381,869	1,625,000	1,397,112	1,512,000	-	-	-	1,512,000	-	-	-	-	-
Power	31,470	25,000	43,120	36,000	-	-	-	36,000	-	-	-	-	-
TOTAL PURCHASED WATER & PC	1,413,339	1,650,000	1,440,231	1,548,000	-	-	-	1,548,000	-	-	-	-	-
OPERATIONS & MAINTENANCE													
Professtional & Other Outside	30,672	25,500	31,407	37,000	-	-	35,000	2,000	-	-	-	-	-
Supplies & Materials	97,127	101,900	95,385	98,500	-	-	12,000	5,000	-	39,000	38,000	4,500	-
Small Tools & Equipment	7,839	3,600	11,744	12,000	-	-	12,000	-	-	-	-	-	-
Telemetry	9,016	14,300	9,257	12,000	-	-	-	12,000	-	-	-	-	-
Field Vehicle Expense	47,629	37,900	26,118	31,000	-	-	31,000	-	-	-	-	-	-
Miscellaneous	16,191	20,400	19,441	20,500	-	-	15,500	-	-	3,000	2,000	-	-
TOTAL OPERATIONS & MAINTEN/	208,473	203,600	193,351	211,000	-	-	105,500	19,000	-	42,000	40,000	4,500	-
TAXES & FRANCHISE FEES													
Taxes	354,225	345,414	354,206	365,048	355,048	-	10,000	-	-	-	-	-	-
Franchise fees	382,362	387,362	378,558	395,606	395,606	-	-	-	-	-	-	-	-
TOTAL TAXES & FRANCHISE FEE	736,587	732,776	732,764	760,654	750,654	-	10,000	-	-	-	-	-	-
PASS-THRU COSTS													
Street Lights/ Charge Point	9,590	8,100	-	-	-	-	-	-	-	-	-	-	-
TOTAL PASS-THRU COSTS	9,590	8,100	-	-	-	-	-	-	-	-	-	-	-
EMPLOYEE COSTS													
Travel & Training	38,860	49,500	51,271	50,000	32,000	-	18,000	-	-	-	-	-	-
Other Employee Costs	10,749	10,700	6,709	7,600	-	-	7,600	-	-	-	-	-	-
Temporary Employee Costs	-	6,100	-	-	-	-	-	-	-	-	-	-	-
Direct Payroll Costs	1,194,682	1,203,986	1,240,769	1,281,780	428,252	164,575	335,436	30,694	15,222	47,733	88,671	25,619	145,579
Payroll Benefits	559,320	576,289	591,117	606,379	225,978	76,301	222,071	7,009	3,659	10,952	21,146	5,891	33,373
Payroll Allocations to Capital	(149,647)	(319,612)	(164,527)	(178,952)	-	-	-	-	-	-	-	-	(178,952)
TOTAL EMPLOYEE COSTS	1,653,964	1,526,963	1,725,339	1,766,807	686,230	240,876	583,106	37,703	18,881	58,685	109,817	31,510	-
TOTAL OPERATING COSTS	4,560,058	4,666,239	4,665,624	4,930,311	1,902,734	315,376	802,106	1,604,703	18,881	100,685	149,817	36,010	-

North City Water District

2019 - BUDGET DETAIL

	2017 Actual	2018 Budget	2018 Projected YE	2019 Budget	Business Admin	Admin - To All Functions	Admin - By Customers	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	
BUSINESS ADMINISTRATION																																					
Legal Services																																					
Prof Services - Legal - General	12,940	13,300	11,557	12,000	12,000		12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Meetings	17,968	17,300	22,863	24,000	24,000		24,000	24,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Interlocal/Re	13,073	2,000	1,001	5,000	5,000		5,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Personnel	2,496	2,000	1,339	2,000	2,000		2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Public Reco	1,326	11,200	251	3,000	3,000		3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal Services	47,803	45,800	37,011	46,000	46,000	-	46,000	46,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services																																					
Prof Services-Financial	-	15,000	-	40,000	40,000		40,000	-	-	-	-	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Audit Services	19,049	12,000	15,000	20,000	20,000		20,000	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services	19,049	27,000	15,000	60,000	60,000	-	60,000	20,000	-	-	-	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance																																					
Insurance - Administrative	84,441	89,300	102,946	113,000	113,000	113,000		113,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - O&M	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance	84,441	89,300	102,946	113,000	113,000	113,000	-	113,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections																																					
Elections	-	15,000	16,901	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections	-	15,000	16,901	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other																																					
Miscellaneous	342	700	113	700	700	700		700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manager Expense	372	200	159	300	300	300		300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commissioner's Expense	-	200	-	200	200	200		200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Advertising Expense	2,583	2,000	3,508	3,000	3,000	3,000		3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Vehicle Fuel	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Vehicle Repairs & Maint	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other	3,297	3,100	3,780	4,200	4,200	4,200	-	4,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION	154,589	180,200	175,638	223,200	223,200	117,200	106,000	183,200	-	-	-	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT																																					
Professional Services																																					
Prof Services - Governance	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Boundary Review	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Amicas Brief	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Property	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Annexation	618	7,000	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Commissioners Ha	-	-	10,950	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Code Book	1,302	-	8,000	2,000	2,000		2,000	-	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Unspecified Project	1,727	15,000	-	10,000	10,000		10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peservation Planning Reserve	-	50,000	50,000	50,000	50,000		50,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer to Preservation Reserve A	-	(50,000)	(50,000)	(50,000)	(50,000)		(50,000)	(50,000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services	3,646	22,000	18,950	12,000	12,000	-	12,000	10,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Planning & Development																																					
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellneous Planning & Dev	-	1,000	40	1,000	1,000		1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Planning & Developmer	-	1,000	40	1,000	1,000	-	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT	3,646	23,000	18,991	13,000	13,000	-	13,000	10,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH																																					
Regional Dues & Memberships																																					
Dues/Membership/Cert.	16,888	18,400	15,031	17,000	17,000		17,000	-	-	-	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous/Other	-	1,000	-	1,000	1,000		1,000	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regional Dues & Membership	16,888	19,400	15,031	18,000	18,000	-	18,000	-	-	-	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events																																					
Newsletter Distribution & Other	19,043	20,400	16,584	17,000	17,000		17,000	-	-	-	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletter Professtional Services	4,350	6,100	4,700	5,000	5,000		5,000	-	-	-	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website - Other Costs	584	1,000	1,274	2,000	2,000		2,000	-	-	-	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website Professional Services	3,383	7,200	675	3,000	3,000		3,000	-	-	-	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special/Public Events	7,453	5,100	7,898	8,000	8,000		8,000	-	-	-	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special E	34,813	39,800	31,131	35,000	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Public Outreach																																					
Other Professional Services	-	-	56	1,000	1,000		1,000	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Micellaneous Public Outreach	676	2,900	160	1,000	1,000		1,000	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Public Outreach	676	2,900	216	2,000	2,000	-	2,000	-	-	-	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUTREA	52,377	62,100	46,378	55,000	55,000	-	55,000	-	-	-	55,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT																																					
General Office Expense																																					
Postage	1,834	3,100	2,038	2,000	2,000		2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Courier Services	442	600	525	500	500		500	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous Office/Shop Expens	1,578	3,000	421	1,000	1,000		1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temp Office Rent Expense	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Services - Payroll	5,721	-	7,024	9,000	9,000		9,000	9,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Office Expense	9,574	6,700	10,008	12,500	12,500	-	12,500	12,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Supplies & Equipment																																					
Office Supplies	11,511	15,300	11,947	12,000	12,000		12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Publications and Newspapers	416	2,600	630	650	650		650	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment & Small Tools	1,299	-	11,811	5,000	-		-	-	-	-	-	-	-	-	-	-	-	-	5,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

North City WATER DISTRICT

2019 - BUDGET DETAIL

	2017 Actual	2018 Budget	2018 Projected YE	2019 Budget	Business Admin	Admin - To All Functions	Admin - By Customers	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
Office Supplies & Equipment	13,226	17,900	24,387	17,650	12,650	-	12,650	12,650	-	-	-	-	-	-	-	-	-	-
Computer Systems																		
Computer Supplies	1,616	3,100	6,309	7,000	6,000		6,000	6,000	-	-	-	-	-	-	-	-	-	-
Computers & Printers	10,299	2,000	232	1,000	1,000		1,000	1,000	-	-	-	-	-	-	-	-	-	-
Software	8,479	3,100	13,697	14,000	10,000		10,000	10,000	-	-	-	-	-	-	-	-	-	-
Maintenance Agreements	19,562	40,000	21,088	22,000	18,000		18,000	18,000	-	-	-	-	-	-	-	-	-	-
Professional Services - Computer	63,467	56,100	53,946	65,000	44,000		44,000	44,000	-	-	-	-	-	-	-	-	-	-
Computer Systems	103,423	104,300	95,271	109,000	79,000	-	79,000	79,000	-	-	-	-	-	-	-	-	-	-
														-				
Phones & Internet														-				
Cell Phones	6,317	7,100	5,379	4,500	2,000		2,000	2,000	-	-	-	-	-	-	-	-	-	-
Alarm Monitoring	3,309	3,100	2,911	3,000	1,000		1,000	1,000	-	-	-	-	-	-	-	-	-	-
Phone System & Internet	28,382	15,300	27,480	28,000	17,000		17,000	17,000	-	-	-	-	-	-	-	-	-	-
Phones & Internet	38,007	25,500	35,769	35,500	20,000	-	20,000	20,000	-	-	-	-	-	-	-	-	-	-
Building & Grounds - Maintenance & Operations																		
Custodial																		
Kitchen / Custodial Supplies	5,005	5,100	4,781	5,000	5,000		5,000	5,000	-	-	-	-	-	-	-	-	-	-
Custodial Services	7,600	10,200	8,452	15,000	14,000		14,000	14,000	-	-	-	-	-	-	-	-	-	-
Custodial	12,605	15,300	13,233	20,000	19,000	-	19,000	19,000	-	-	-	-	-	-	-	-	-	-
Utilites																		
Utilities - Electric	30,327	22,400	22,370	23,000	13,000		13,000	13,000	-	-	-	-	-	-	-	-	-	-
Utilities - Garbage	4,418	4,600	6,054	6,000	3,000		3,000	3,000	-	-	-	-	-	-	-	-	-	-
Utilities - Sewer	3,569	3,100	3,309	3,500	1,500		1,500	1,500	-	-	-	-	-	-	-	-	-	-
Utilities - Gas	9,217	3,600	5,037	5,000	2,000		2,000	2,000	-	-	-	-	-	-	-	-	-	-
Utilites	47,532	33,700	36,770	37,500	19,500	-	19,500	19,500	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs																		
Maintenance - Buildings	3,024	3,100	4,974	5,000	4,000		4,000	4,000	-	-	-	-	-	-	-	-	-	-
Maintenance - Grounds	7,043	6,700	6,921	7,000	7,000		7,000	7,000	-	-	-	-	-	-	-	-	-	-
Maint & Repairs - General	19,065	2,000	20,170	21,000	1,000		1,000	1,000	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs	29,132	11,800	32,065	33,000	12,000	-	12,000	12,000	-	-	-	-	-	-	-	-	-	-
		% of Budget->																
Building & Grounds Maint & R	89,268	60,800	82,068	90,500	50,500	-	50,500	50,500	-	-	-	-	-	-	-	-	-	-
		-																
TOTAL OFFICE & RECORDS MANAGE	253,498	215,200	247,504	265,150	174,650	-	174,650	174,650	-	-	-	-	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING																		
Billing																		
Outside Billing	38,629	56,100	34,433	35,000	-		-	-	-	-	-	-	-	35,000	-	35,000	-	-
Postage	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
E-Payment Service	23,969	-	30,349	31,000	-		-	-	-	-	-	-	-	31,000	-	31,000	-	-
Billing	62,598	56,100	64,782	66,000	-	-	-	-	-	-	-	-	-	66,000	-	66,000	-	-
Customer Claims														-				
Customer Claims	3,895	-	12,217	13,000	-		-	-	-	-	-	-	-	-	-	-	-	-
Customer Claims	3,895	-	12,217	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting														-				
Consumer Confidence Report	7,500	8,200	8,429	8,500	-		-	-	-	-	-	-	-	8,500	-	-	8,500	-
Reporting	7,500	8,200	8,429	8,500	-	-	-	-	-	-	-	-	-	8,500	-	-	8,500	-
TOTAL CUSTOMER SERVICE & BILLIN	73,993	64,300	85,428	87,500	-	-	-	-	-	-	-	-	-	74,500	-	66,000	8,500	-
PURCHASED WATER & POWER																		
Water																		
SPU	1,381,869	1,625,000	1,397,112	1,512,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter Upgrades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water	1,381,869	1,625,000	1,397,112	1,512,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power																		
Purchased Power	31,470	25,000	43,120	36,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power	31,470	25,000	43,120	36,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASED WATER & POWE	1,413,339	1,650,000	1,440,231	1,548,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS & MAINTENANCE																		
Professtional & Other Outside Services																		
Engineering Services	1,900	8,200	2,070	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services - CWA	19,500	16,300	27,417	28,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	9,272	1,000	1,920	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professtional & Other Outside	30,672	25,500	31,407	37,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Supplies & Materials																		
Supplies - O&M by Function	70,507	80,400	79,336	82,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Supplies - Inventory by Function	26,620	21,500	16,049	16,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Supplies & Materials	97,127	101,900	95,385	98,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small Tools & Equipment																		
Small Tools & Equipment	7,839	3,600	11,744	12,000	-	-		-	-	-	-	-	-	-	-	-	-	-
Small Tools & Equipment	7,839	3,600	11,744	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications																		
Telemetry	9,016	14,300	9,257	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Telemetry	9,016	14,300	9,257	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense																		

	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	
Office Supplies & Equipment	5,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems																			
Computer Supplies	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computers & Printers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Software	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance Agreements	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services - Computer	21,000	21,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems	30,000	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-				-		-				-					-
Phones & Internet	-			-				-		-				-					-
Cell Phones	2,500	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alarm Monitoring	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phone System & Internet	11,000	11,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phones & Internet	15,500	15,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds - Maintenance & Operations																			
Custodial																			
Kitchen / Custodial Supplies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial Services	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites																			
Utilities - Electric	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Garbage	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Sewer	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Gas	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites	18,000	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																			-
Maintenance & Repairs																			-
Maintenance - Buildings	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance - Grounds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint & Repairs - General	20,000	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs	21,000	21,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds Maint & R	40,000	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGE	90,500	90,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING																			
Billing																			
Outside Billing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Postage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E-Payment Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Billing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Claims	-			-				-		-				-					-
Customer Claims	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Claims	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																			-
Reporting	-			-				-		-				-					-
Consumer Confidence Report	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BILLIN	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PURCHASED WATER & POWER																			
Water																			-
SPU	-	-	-	1,512,000	1,512,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter Upgrades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water	-	-	-	1,512,000	1,512,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																			-
Power																			-
Purchased Power	-	-	-	36,000	-	36,000	-	-	-	-	-	-	-	-	-	-	-	-	-
Power	-	-	-	36,000	-	36,000	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASED WATER & POWE	-	-	-	1,548,000	1,512,000	36,000	-	-	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS & MAINTENANCE																			
Professtional & Other Outside Services																			
Engineering Services	7,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services - CWA	28,000	28,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	-	-	-	2,000	-	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-
Professtional & Other Outside	35,000	35,000	-	2,000	-	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-
Supplies & Materials																			
Supplies - O&M by Function	12,000	9,000	3,000	5,000	2,000	1,000	2,000	-	-	25,000	25,000	-	-	36,000	25,000	8,000	3,000	4,500	-
Supplies - Inventory by Function	-	-	-	-	-	-	-	-	-	14,000	2,000	12,000	-	2,000	1,000	-	1,000	-	-
Supplies & Materials	12,000	9,000	3,000	5,000	2,000	1,000	2,000	-	-	39,000	27,000	12,000	-	38,000	26,000	8,000	4,000	4,500	-
Small Tools & Equipment																			
Small Tools & Equipment	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small Tools & Equipment	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications																			
Telemetry	-	-	-	12,000	-	-	12,000	-	-	-	-	-	-	-	-	-	-	-	-
Telemetry	-	-	-	12,000	-	-	12,000	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense																			

North City WATER DISTRICT

2019 - BUDGET DETAIL

	2017 Actual	2018 Budget	2018 Projected YE	2019 Budget	Business Admin	Admin - To All Functions	Admin - By Customers	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
Fuel Consumed - Vehicles	13,645	16,300	17,357	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil - field Vehicles	-	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maint - Vehicles	33,983	20,400	8,761	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense	47,629	37,900	26,118	31,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous																		
Locates, Permits & Inspections	4,404	8,200	7,654	8,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Fee	11,787	12,200	11,787	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous and Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	16,191	20,400	19,441	20,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OPERATIONS & MAINTENANCE	208,473	203,600	193,351	211,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAXES & FRANCHISE FEES																		
Taxes																		
Property Taxes	344,181	337,414	341,397	352,048	352,048		352,048	352,048	-	-	-	-	-	-	-	-	-	-
B&O Taxes	10,044	8,000	12,809	13,000	3,000	3,000		3,000	-	-	-	-	-	-	-	-	-	-
Taxes	354,225	345,414	354,206	365,048	355,048	3,000	352,048	355,048	-	-	-	-	-	-	-	-	-	-
Franchise fees																		
Franchise Expense - SHO	291,764	296,992	287,960	300,606	300,606	300,606		300,606	-	-	-	-	-	-	-	-	-	-
Franchise Expense - LFP	90,598	90,371	90,598	95,000	95,000	95,000		95,000	-	-	-	-	-	-	-	-	-	-
Franchise fees	382,362	387,362	378,558	395,606	395,606	395,606	-	395,606	-	-	-	-	-	-	-	-	-	-
TOTAL TAXES & FRANCHISE FEES	736,587	732,776	732,764	760,654	750,654	398,606	352,048	750,654	-	-	-	-	-	-	-	-	-	-
PASS-THRU COSTS																		
Street Lights/ Charge Point																		
Street Lights	8,486	7,500	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
Charge Point	1,105	600	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Street Lights/ Charge Point	9,590	8,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-		-														
TOTAL PASS-THRU COSTS	9,590	8,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPLOYEE COSTS																		
Travel & Training																		
Publications, Books, Manuals	1,659	1,000	1,197	1,000	1,000	1,000		1,000	-	-	-	-	-	-	-	-	-	-
Training	1,460	2,000	6,173	6,000	2,000	2,000		2,000	-	-	-	-	-	-	-	-	-	-
Travel	20,994	29,900	24,629	24,000	16,000	16,000		15,000	-	-	-	1,000	-	-	-	-	-	-
Per Diem	6,455	6,100	5,223	5,000	3,000	3,000		3,000	-	-	-	-	-	-	-	-	-	-
Per Diem	(1,518)	(700)	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Registration	9,810	11,200	14,048	14,000	10,000	10,000		9,000	-	-	-	1,000	-	-	-	-	-	-
Underexpenditure	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Travel & Training	38,860	49,500	51,271	50,000	32,000	32,000	-	30,000	-	-	-	2,000	-	-	-	-	-	-
Other Employee Costs																		
Drug Testing	710	100	526	1,000	-	-		-	-	-	-	-	-	-	-	-	-	-
Hearing Tests	282	400	294	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Uniforms	8,000	6,600	5,314	5,600	-	-		-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	1,757	3,600	574	1,000	-	-		-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	10,749	10,700	6,709	7,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs																		
Employement Agency Costs	-	6,100	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs	-	6,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
` Direct Payroll Costs																		
Regular Pay	1,122,856	1,163,709	899,798	928,884	389,250	389,250		140,952	-	23,936	29,152	195,210	-	140,508	104,763	-	-	35,744
Regular Pay for Capital		-	109,130	114,347														
Holiday Pay	5,712	-	49,529	51,277	16,215	16,215		7,958	-	-	1,822	6,435	-	5,777	5,777	-	-	-
Sick Pay	-	-	35,949	30,333	4,227	4,227		-	-	-	547	3,681	-	2,099	2,099	-	-	-
Vacation Pay	8,921	-	98,831	107,159	12,882	12,882		-	-	-	1,994	10,889	-	10,659	10,659	-	-	-
On-Call	17,770	19,349	18,630	19,187	-	-		-	-	-	-	-	-	-	-	-	-	-
Overtime	39,422	20,928	28,901	30,594	5,677	5,677		761	-	-	4,742	175	-	5,532	2,858	-	-	2,674
Direct Payroll Costs	1,194,682	1,203,986	1,240,769	1,281,780	428,252	428,252	-	149,671	-	23,936	38,256	216,389	-	164,575	126,156	-	-	38,419
Payroll Benefits																		
FICA	68,618	72,331	69,334	71,016	26,214	26,214		9,525	-	735	2,413	13,541	-	10,328	7,909	-	-	2,419
Medicare	19,193	17,458	16,512	21,555	7,934	7,934		2,882	-	217	730	4,105	-	3,126	2,394	-	-	731
HCA/VEBA (Medical Insurance)	294,514	306,000	306,000	306,000	126,000	126,000		18,000	-	54,000	18,000	36,000	-	36,000	36,000	-	-	-
PERS	132,677	146,628	137,847	142,967	53,186	53,186		19,439	-	1,448	4,908	27,390	-	21,083	16,137	-	-	4,947
Pension Expense Adj GASB 68	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Industrial Insurance	25,756	16,530	19,168	19,184	7,190	7,190		2,656	-	204	667	3,663	-	2,841	2,175	-	-	667
Unemployment	1,561	982	1,577	1,733	644	644		224	-	27	53	340	-	243	187	-	-	56
Clothing Allowance	8,000	7,000	3,000	7,500	2,500	2,500		500	-	-	500	1,500	-	1,000	1,000	-	-	-
Cell Phone Allowance	9,000	9,360	13,360	9,990	2,310	2,310		-	-	-	840	1,470	-	1,680	1,680	-	-	-
Payroll Benefits for Capital		-	24,321	26,435	-	-		-	-	-	-	-	-	-	-	-	-	-
Payroll Benefits	559,320	576,289	591,117	606,379	225,978	225,978	-	53,225	-	56,631	28,112	88,010	-	76,301	67,481	-	-	8,820
Payroll Allocations																		
Month JE No. Concat.																		
Allocated to CIP or Capital Assets	(149,647)	(319,612)	(164,527)	(178,952)	-	-		-	-	-	-	-	-	-	-	-	-	-
Payroll Allocations to Capital	(149,647)	(319,612)	(164,527)	(178,952)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL EMPLOYEE COSTS	1,653,964	1,526,963	1,725,339	1,766,807	686,230	686,230	-	232,896	-	80,567	66,367	306,399	-	240,876	193,637	-	-	47,239
TOTAL OPERATING COSTS	4,560,058	4,666,239	4,665,624	4,930,311	1,902,734	1,202,036	700,698	1,351,400	3,000	80,567	121,367	306,399	40,000	315,376	193,637	66,000	8,500	47,239

	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	
Fuel Consumed - Vehicles	18,000	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil - field Vehicles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maint - Vehicles	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense	31,000	31,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous																			
Locates, Permits & Inspections	3,500	3,500	-	-	-	-	-	-	-	3,000	3,000	-	-	2,000	1,000	1,000	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Fee	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous and Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	15,500	15,500	-	-	-	-	-	-	-	3,000	3,000	-	-	2,000	1,000	1,000	-	-	-
TOTAL OPERATIONS & MAINTENANCE	105,500	102,500	3,000	19,000	2,000	2,000	15,000	-	-	42,000	30,000	12,000	-	40,000	27,000	9,000	4,000	4,500	-
TAXES & FRANCHISE FEES																			
Taxes																			
Property Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B&O Taxes	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taxes	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees																			
Franchise Expense - SHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise Expense - LFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																			-
TOTAL TAXES & FRANCHISE FEES	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PASS-THRU COSTS																			
Street Lights/ Charge Point																			
Street Lights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charge Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Street Lights/ Charge Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																			-
TOTAL PASS-THRU COSTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPLOYEE COSTS																			
Travel & Training																			
Publications, Books, Manuals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel	8,000	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Registration	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Underexpenditure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel & Training	18,000	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs																			
Drug Testing	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hearing Tests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uniforms	5,600	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	7,600	7,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs																			
Employement Agency Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
` Direct Payroll Costs																			
Regular Pay	173,713	165,465	8,249	29,082	-	23,461	5,622	#####	14,857	44,999	11,130	16,526	17,344	80,776	5,181	42,582	33,013	25,499	30,199
Regular Pay for Capital																			114,347
Holiday Pay	29,285	29,285	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sick Pay	24,007	24,007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vacation Pay	83,617	83,617	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
On-Call	19,187	19,187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overtime	5,627	5,532	95	1,612	-	1,546	65	365	365	2,734	2,206	479	49	7,895	7,086	189	620	120	1,032
Direct Payroll Costs	335,436	327,092	8,343	30,694	-	25,007	5,687	#####	15,222	47,733	13,335	17,005	17,393	88,671	12,267	42,771	33,633	25,619	145,579
Payroll Benefits																			
FICA	19,301	18,772	529	1,935	-	1,574	361	956	956	3,007	848	1,076	1,083	5,764	886	2,758	2,121	1,623	1,888
Medicare	5,871	5,713	159	578	-	469	109	309	309	914	256	323	335	1,758	289	833	636	485	579
HCA/VEBA (Medical Insurance)	144,000	144,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERS	37,494	36,421	1,073	3,914	-	3,186	728	2,096	2,096	6,143	1,723	2,176	2,244	11,862	1,948	5,600	4,314	3,287	3,901
Pension Expense Adj GASB 68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Insurance	4,927	4,785	142	525	-	426	100	275	275	820	230	290	300	1,620	257	763	600	459	525
Unemployment	477	463	14	56	-	46	10	22	22	68	17	27	24	141	17	75	49	37	44
Clothing Allowance	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cell Phone Allowance	6,000	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Payroll Benefits for Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,435
Payroll Benefits	222,071	220,154	1,917	7,009	-	5,701	1,308	3,659	3,659	10,952	3,075	3,891	3,986	21,146	3,397	10,028	7,720	5,891	33,373
Payroll Allocations																			
Allocated to CIP or Capital Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(178,952)
Payroll Allocations to Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(178,952)
TOTAL EMPLOYEE COSTS	583,106	572,846	10,260	37,703	-	30,708	6,995	#####	18,881	58,685	16,410	20,896	21,379	109,817	15,664	52,799	41,354	31,510	-
TOTAL OPERATING COSTS	802,106	788,846	13,260	1,604,703	1,514,000	68,708	21,995	#####	18,881	100,685	46,410	32,896	21,379	149,817	42,664	61,799	45,354	36,010	-

North City WATER DISTRICT

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

2020 - Budget

	2018 Budget	*2018 Projected YE*	*2019 Budget*	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	*45,800*	*37,011*	*46,000*	48,000	48,000	-	-	-	-	-	-	-	-
Financial Services	*27,000*	*15,000*	*60,000*	58,000	58,000	-	-	-	-	-	-	-	-
Insurance	*89,300*	*102,946*	*113,000*	127,000	127,000	-	-	-	-	-	-	-	-
Elections	*15,000*	*16,901*	*-*	17,000	17,000	-	-	-	-	-	-	-	-
Miscellaneous & Other	*3,100*	*3,780*	*4,200*	3,200	3,200	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATI	*180,200*	*175,638*	*223,200*	253,200	253,200	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT													
Professional Services	*22,000*	*18,950*	*12,000*	10,000	10,000	-	-	-	-	-	-	-	-
Other Planning & Developmer	*1,000*	*40*	*1,000*	1,000	1,000	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPME	*23,000*	*18,991*	*13,000*	11,000	11,000	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH													
Regional Dues & Membership	*19,400*	*15,031*	*18,000*	18,000	18,000	-	-	-	-	-	-	-	-
Newsletters/Website/Special E	*39,800*	*31,131*	*35,000*	36,000	36,000	-	-	-	-	-	-	-	-
Other Public Outreach	*2,900*	*216*	*2,000*	2,000	2,000	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUT	*62,100*	*46,378*	*55,000*	56,000	56,000	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT													
General Office Expense	*6,700*	*10,008*	*12,500*	12,500	12,500	-	-	-	-	-	-	-	-
Office Supplies & Equipment	*17,900*	*24,387*	*17,650*	17,650	13,650	-	4,000	-	-	-	-	-	-
Computer Systems	*104,300*	*95,271*	*109,000*	111,000	80,000	-	31,000	-	-	-	-	-	-
Phones & Internet	*25,500*	*35,769*	*35,500*	36,500	21,000	-	15,500	-	-	-	-	-	-
Building & Grounds Maint & R	*60,800*	*82,068*	*90,500*	91,500	50,500	-	41,000	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MAN/	*215,200*	*247,504*	*265,150*	269,150	177,650	-	*91,500*	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING													
Billing	*56,100*	*64,782*	*66,000*	68,000	-	68,000	-	-	-	-	-	-	-
Reporting	*8,200*	*8,429*	*8,500*	8,500	-	8,500	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BI	*64,300*	*85,428*	*87,500*	89,500	-	*76,500*	*13,000*	-	-	-	-	-	-
PURCHASED WATER & POWER													
Water	*1,625,000*	*1,397,112*	*1,512,000*	1,601,000	-	-	-	1,601,000	-	-	-	-	-
Power	*25,000*	*43,120*	*36,000*	37,000	-	-	-	37,000	-	-	-	-	-
TOTAL PURCHASED WATER & PC	*1,650,000*	*1,440,231*	*1,548,000*	1,638,000	-	-	-	1,638,000	-	-	-	-	-
OPERATIONS & MAINTENANCE													
Professtional & Other Outside	*25,500*	*31,407*	*37,000*	38,000	-	-	36,000	2,000	-	-	-	-	-
Supplies & Materials	*101,900*	*95,385*	*98,500*	100,500	-	-	12,000	5,000	-	40,000	39,000	4,500	-
Small Tools & Equipment	*3,600*	*11,744*	*12,000*	12,000	-	-	12,000	-	-	-	-	-	-
Telemetry	*14,300*	*9,257*	*12,000*	12,000	-	-	-	12,000	-	-	-	-	-
Field Vehicle Expense	*37,900*	*26,118*	*31,000*	33,000	-	-	33,000	-	-	-	-	-	-
Miscellaneous	*20,400*	*19,441*	*20,500*	21,000	-	-	16,000	-	-	4,000	1,000	-	-
TOTAL OPERATIONS & MAINTEN/	*203,600*	*193,351*	*211,000*	216,500	-	-	109,000	19,000	-	44,000	40,000	4,500	-
TAXES & FRANCHISE FEES													
Taxes	*345,414*	*354,206*	*365,048*	379,627	369,627	-	10,000	-	-	-	-	-	-
Franchise fees	*387,362*	*378,558*	*395,606*	411,444	411,444	-	-	-	-	-	-	-	-
TOTAL TAXES & FRANCHISE FEE	*732,776*	*732,764*	*760,654*	791,071	781,071	-	10,000	-	-	-	-	-	-
PASS-THRU COSTS													
Street Lights/ Charge Point	*8,100*	*-*	*-*	-	-	-	-	-	-	-	-	-	-
TOTAL PASS-THRU COSTS	*8,100*	*-*	*-*	-	-	-	-	-	-	-	-	-	-
EMPLOYEE COSTS													
Travel & Training	*49,500*	*51,271*	*50,000*	50,000	32,000	-	18,000	-	-	-	-	-	-
Other Employee Costs	*10,700*	*6,709*	*7,600*	8,000	-	-	8,000	-	-	-	-	-	-
Temporary Employee Costs	*6,100*	*-*	*-*	-	-	-	-	-	-	-	-	-	-
Direct Payroll Costs	*1,203,986*	*1,240,769*	*1,281,780*	1,320,234	441,099	169,512	345,499	31,615	15,679	49,165	91,331	26,387	149,946
Payroll Benefits	*576,289*	*591,117*	*606,379*	623,247	232,713	78,590	228,733	7,219	3,768	11,280	21,780	6,068	33,095
Payroll Allocations to Capital	*(319,612)*	*(164,527)*	*(178,952)*	(183,041)	-	-	-	-	-	-	-	-	(183,041)
TOTAL EMPLOYEE COSTS	*1,526,963*	*1,725,339*	*1,766,807*	1,818,439	705,812	248,102	600,232	38,834	19,447	60,445	113,111	32,455	-
TOTAL OPERATING COSTS	*4,666,239*	*4,665,624*	*4,930,311*	5,142,861	1,984,734	324,602	823,732	1,695,834	19,447	104,445	153,111	36,955	-

North City WATER DISTRICT

2020 - BUDGET DETAIL	2018 Projected YE	2019 Budget	2020 Budget	Business Admin	Admin - To All Functions	Admin - By Customers	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	
BUSINESS ADMINISTRATION																																				
Legal Services																																				
Prof Services - Legal - General	11,557	12,000	13,000	13,000		13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Meetings	22,863	24,000	25,000	25,000		25,000	25,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Interlocal/Re	1,001	5,000	5,000	5,000		5,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Personnel	1,339	2,000	2,000	2,000		2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Legal - Public Reco	251	3,000	3,000	3,000		3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal Services	37,011	46,000	48,000	48,000	-	48,000	48,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services																																				
Prof Services-Financial	-	40,000	40,000	40,000		40,000	-	-	-	-	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Audit Services	15,000	20,000	18,000	18,000		18,000	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services	15,000	60,000	58,000	58,000	-	58,000	18,000	-	-	-	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance																																				
Insurance - Administrative	102,946	113,000	127,000	127,000	127,000		127,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - O&M	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance	102,946	113,000	127,000	127,000	127,000	-	127,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections																																				
Elections	16,901	-	17,000	17,000		17,000	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elections	16,901	-	17,000	17,000	-	17,000	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other																																				
Miscellaneous	113	700	700	700	700		700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manager Expense	159	300	300	300	300		300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commissioner's Expense	-	200	200	200	200		200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Advertising Expense	3,508	3,000	2,000	2,000	2,000		2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Vehicle Fuel	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Vehicle Repairs & Maint	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous & Other	3,780	4,200	3,200	3,200	3,200	-	3,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION	175,638	223,200	253,200	253,200	130,200	123,000	213,200	-	-	-	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLANNING & DEVELOPMENT																																				
Professional Services																																				
Prof Services - Governance	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Boundary Review	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Amicas Brief	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Property	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Annexation	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Commissioner's Ha	10,950	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Code Book	8,000	2,000	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prof Services - Unspecified Project	-	10,000	10,000	10,000		10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peservation Planning Reserve	50,000	50,000	50,000	50,000		50,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer to Preservation Reserve A	(50,000)	(50,000)	(50,000)	(50,000)		(50,000)	(50,000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services	18,950	12,000	10,000	10,000	-	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Planning & Development																																				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellneous Planning & Dev	40	1,000	1,000	1,000		1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Planning & Developmer	40	1,000	1,000	1,000	-	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PLANNING & DEVELOPMENT	18,991	13,000	11,000	11,000	-	11,000	10,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC & REGIONAL OUTREACH																																				
Regional Dues & Memberships																																				
Dues/Membership/Cert.	15,031	17,000	17,000	17,000		17,000	-	-	-	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous/Other	-	1,000	1,000	1,000		1,000	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regional Dues & Membership	15,031	18,000	18,000	18,000	-	18,000	-	-	-	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events																																				
Newsletter Distribution & Other	16,584	17,000	18,000	18,000		18,000	-	-	-	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletter Professtional Services	4,700	5,000	5,000	5,000		5,000	-	-	-	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website - Other Costs	1,274	2,000	2,000	2,000		2,000	-	-	-	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website Professional Services	675	3,000	3,000	3,000		3,000	-	-	-	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special/Public Events	7,898	8,000	8,000	8,000		8,000	-	-	-	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newsletters/Website/Special E	31,131	35,000	36,000	36,000	-	36,000	-	-	-	36,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													-					-			-				-		-				-					-
Other Public Outreach													-					-			-				-		-				-					-
Other Professional Services	56	1,000	1,000	1,000		1,000	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Micellaneous Public Outreach	160	1,000	1,000	1,000		1,000	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Public Outreach	216	2,000	2,000	2,000	-	2,000	-	-	-	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PUBLIC & REGIONAL OUTREA	46,378	55,000	56,000	56,000	-	56,000	-	-	-	56,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OFFICE & RECORDS MANAGEMENT																																				
General Office Expense																																				
Postage	2,038	2,000	2,000	2,000		2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Courier Services	525	500	500	500		500	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous Office/Shop Expens	421	1,000	1,000	1,000		1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temp Office Rent Expense	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Services - Payroll	7,024	9,000	9,000	9,000		9,000	9,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Office Expense	10,008	12,500	12,500	12,500	-	12,500	12,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Supplies & Equipment																																				
Office Supplies	11,947	12,000	12,000	12,000		12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Publications and Newspapers	630	650	650	650		650	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment & Small Tools	11,811	5,000	5,000	1,000		1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

North City Water District

2020 - BUDGET DETAIL

	2018 Projected YE	2019 Budget	2020 Budget	Business Admin	Admin - To All Functions	Admin - By Customers	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	
Office Supplies & Equipment	24,387	17,650	17,650	13,650	-	13,650	13,650	-	-	-	-	-	-	-	-	-	-	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems																																				
Computer Supplies	6,309	7,000	7,000	6,000		6,000	6,000	-	-	-	-	-	-	-	-	-	-	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computers & Printers	232	1,000	1,000	1,000		1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Software	13,697	14,000	14,000	10,000		10,000	10,000	-	-	-	-	-	-	-	-	-	-	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance Agreements	21,088	22,000	23,000	19,000		19,000	19,000	-	-	-	-	-	-	-	-	-	-	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Services - Computer	53,946	65,000	66,000	44,000		44,000	44,000	-	-	-	-	-	-	-	-	-	-	22,000	22,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems	95,271	109,000	111,000	80,000	-	80,000	80,000	-	-	-	-	-	-	-	-	-	-	31,000	31,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phones & Internet																																				
Cell Phones	5,379	4,500	4,500	2,000		2,000	2,000	-	-	-	-	-	-	-	-	-	-	2,500	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alarm Monitoring	2,911	3,000	3,000	1,000		1,000	1,000	-	-	-	-	-	-	-	-	-	-	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phone System & Internet	27,480	28,000	29,000	18,000		18,000	18,000	-	-	-	-	-	-	-	-	-	-	11,000	11,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phones & Internet	35,769	35,500	36,500	21,000	-	21,000	21,000	-	-	-	-	-	-	-	-	-	-	15,500	15,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds - Maintenance & Operations																																				
Custodial																																				
Kitchen / Custodial Supplies	4,781	5,000	5,000	5,000		5,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial Services	8,452	15,000	15,000	14,000		14,000	14,000	-	-	-	-	-	-	-	-	-	-	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custodial	13,233	20,000	20,000	19,000	-	19,000	19,000	-	-	-	-	-	-	-	-	-	-	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites																																				
Utilities - Electric	22,370	23,000	23,000	13,000		13,000	13,000	-	-	-	-	-	-	-	-	-	-	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Garbage	6,054	6,000	6,000	3,000		3,000	3,000	-	-	-	-	-	-	-	-	-	-	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Sewer	3,309	3,500	3,500	1,500		1,500	1,500	-	-	-	-	-	-	-	-	-	-	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities - Gas	5,037	5,000	5,000	2,000		2,000	2,000	-	-	-	-	-	-	-	-	-	-	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilites	36,770	37,500	37,500	19,500	-	19,500	19,500	-	-	-	-	-	-	-	-	-	-	18,000	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs																																				
Maintenance - Buildings	4,974	5,000	5,000	4,000		4,000	4,000	-	-	-	-	-	-	-	-	-	-	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance - Grounds	6,921	7,000	7,000	7,000		7,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint & Repairs - General	20,170	21,000	22,000	1,000		1,000	1,000	-	-	-	-	-	-	-	-	-	-	21,000	21,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance & Repairs	32,065	33,000	34,000	12,000	-	12,000	12,000	-	-	-	-	-	-	-	-	-	-	22,000	22,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building & Grounds Maint & R	82,068	90,500	91,500	50,500	-	50,500	50,500	-	-	-	-	-	-	-	-	-	-	41,000	41,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OFFICE & RECORDS MANAGEI	247,504	265,150	269,150	177,650	-	177,650	177,650	-	-	-	-	-	-	-	-	-	-	91,500	91,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUSTOMER SERVICE & BILLING																																				
Billing																																				
Outside Billing	34,433	35,000	36,000	-		-	-	-	-	-	-	-	36,000	-	36,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Postage	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E-Payment Service	30,349	31,000	32,000	-		-	-	-	-	-	-	-	32,000	-	32,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Billing	64,782	66,000	68,000	-	-	-	-	-	-	-	-	-	68,000	-	68,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Claims																																				
Customer Claims	12,217	13,000	13,000	-		-	-	-	-	-	-	-	-	-	-	-	-	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Claims	12,217	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting																																				
Consumer Confidence Report	8,429	8,500	8,500	-		-	-	-	-	-	-	-	8,500	-	-	8,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reporting	8,429	8,500	8,500	-	-	-	-	-	-	-	-	-	8,500	-	-	8,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE & BILLIN	85,428	87,500	89,500	-	-	-	-	-	-	-	-	-	76,500	-	68,000	8,500	-	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PURCHASED WATER & POWER																																				
Water																																				
SPU	1,397,112	1,512,000	1,601,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,601,000	1,601,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter Upgrades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water	1,397,112	1,512,000	1,601,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,601,000	1,601,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power																																				
Purchased Power	43,120	36,000	37,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37,000	-	37,000	-	-	-	-	-	-	-	-	-	-	-	-	-
Power	43,120	36,000	37,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37,000	-	37,000	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASED WATER & POWEI	1,440,231	1,548,000	1,638,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,638,000	1,601,000	37,000	-	-	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS & MAINTENANCE																																				
Professtional & Other Outside Services																																				
Engineering Services	2,070	7,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services - CWA	27,417	28,000	29,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,000	29,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	1,920	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000	-	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-
Professtional & Other Outside	31,407	37,000	38,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36,000	36,000	-	2,000	-	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-
Supplies & Materials																																				
Supplies - O&M by Function	79,336	82,500	84,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	9,000	3,000	5,000	2,000	1,000	2,000	-	-	26,000	26,000	-	-	37,000	26,000	8,000	3,000	4,500	-
Supplies - Inventory by Function	16,049	16,000	16,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,000	2,000	12,000	-	2,000	1,000	-	1,000	-	-
Supplies & Materials	95,385	98,500	100,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	9,000	3,000	5,000	2,000	1,000	2,000	-	-	40,000	28,000	12,000	-	39,000	27,000	8,000	4,000	4,500	-
Small Tools & Equipment																																				
Small Tools & Equipment	11,744	12,000	12,000	-	-		-	-	-	-	-	-	-	-	-	-	-	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small Tools & Equipment	11,744	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications																																				
Telemetry	9,257	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	-	12,000	-	-	-	-	-	-	-	-	-	-	-	-
Telemetry	9,257	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	-	-	12,000	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense																																				

North City Water District

2020 - BUDGET DETAIL

	2018 Projected YE	2019 Budget	2020 Budget	Business Admin	Admin - To All Functions	Admin - By Customers	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
Fuel Consumed - Vehicles	17,357	18,000	19,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil - field Vehicles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maint - Vehicles	8,761	13,000	14,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense	26,118	31,000	33,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous																	
Locates, Permits & Inspections	7,654	8,500	9,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Fee	11,787	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous and Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	19,441	20,500	21,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OPERATIONS & MAINTENANCE	193,351	211,000	216,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAXES & FRANCHISE FEES																	
Taxes																	
Property Taxes	341,397	352,048	366,627	366,627		366,627	366,627	-	-	-	-	-	-	-	-	-	-
B&O Taxes	12,809	13,000	13,000	3,000	3,000		3,000	-	-	-	-	-	-	-	-	-	-
Taxes	354,206	365,048	379,627	369,627	3,000	366,627	369,627	-	-	-	-	-	-	-	-	-	-
Franchise fees																	
Franchise Expense - SHO	287,960	300,606	312,444	312,444	312,444		312,444	-	-	-	-	-	-	-	-	-	-
Franchise Expense - LFP	90,598	95,000	99,000	99,000	99,000		99,000	-	-	-	-	-	-	-	-	-	-
Franchise fees	378,558	395,606	411,444	411,444	411,444	-	411,444	-	-	-	-	-	-	-	-	-	-
TOTAL TAXES & FRANCHISE FEES	732,764	760,654	791,071	781,071	414,444	366,627	781,071	-	-	-	-	-	-	-	-	-	-
PASS-THRU COSTS																	
Street Lights/ Charge Point																	
Street Lights	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
Charge Point	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Street Lights/ Charge Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-														
TOTAL PASS-THRU COSTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPLOYEE COSTS																	
Travel & Training																	
Publications, Books, Manuals	1,197	1,000	1,000	1,000	1,000		1,000	-	-	-	-	-	-	-	-	-	-
Training	6,173	6,000	6,000	2,000	2,000		2,000	-	-	-	-	-	-	-	-	-	-
Travel	24,629	24,000	24,000	16,000	16,000		15,000	-	-	-	1,000	-	-	-	-	-	-
Per Diem	5,223	5,000	5,000	3,000	3,000		3,000	-	-	-	-	-	-	-	-	-	-
Per Diem	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Registration	14,048	14,000	14,000	10,000	10,000		9,000	-	-	-	1,000	-	-	-	-	-	-
Underexpenditure	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Travel & Training	51,271	50,000	50,000	32,000	32,000	-	30,000	-	-	-	2,000	-	-	-	-	-	-
Other Employee Costs																	
Drug Testing	526	1,000	1,000	-	-		-	-	-	-	-	-	-	-	-	-	-
Hearing Tests	294	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Uniforms	5,314	5,600	6,000	-	-		-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	574	1,000	1,000	-	-		-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	6,709	7,600	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs																	
Employement Agency Costs	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
` Direct Payroll Costs																	
Regular Pay	899,798	928,884	956,751	400,927	400,927		145,180	-	24,654	30,026	201,067	-	144,723	107,906	-	-	36,817
Regular Pay for Capital	109,130	114,347	117,778														
Holiday Pay	49,529	51,277	52,815	16,702	16,702		8,197	-	-	1,876	6,628	-	5,950	5,950	-	-	-
Sick Pay	35,949	30,333	31,243	4,354	4,354		-	-	-	563	3,791	-	2,162	2,162	-	-	-
Vacation Pay	98,831	107,159	110,373	13,269	13,269		-	-	-	2,054	11,215	-	10,979	10,979	-	-	-
On-Call	18,630	19,187	19,763	-			-	-	-	-	-	-	-	-	-	-	-
Overtime	28,901	30,594	31,512	5,848	5,848		783	-	-	4,884	180	-	5,698	2,944	-	-	2,754
Direct Payroll Costs	1,240,769	1,281,780	1,320,234	441,099	441,099	-	154,161	-	24,654	39,404	222,881	-	169,512	129,941	-	-	39,571
Payroll Benefits																	
FICA	69,334	71,016	73,146	27,000	27,000		9,810	-	757	2,485	13,948	-	10,637	8,146	-	-	2,491
Medicare	16,512	21,555	22,201	8,172	8,172		2,968	-	224	752	4,228	-	3,219	2,466	-	-	753
HCA/VEBA (Medical Insurance)	306,000	306,000	315,180	129,780	129,780		18,540	-	55,620	18,540	37,080	-	37,080	37,080	-	-	-
PERS	137,847	142,967	147,256	54,781	54,781		20,023	-	1,492	5,055	28,212	-	21,716	16,621	-	-	5,095
Pension Expense Adj GASB 68	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Industrial Insurance	19,168	19,184	19,715	7,361	7,361		2,691	-	210	687	3,773	-	2,927	2,240	-	-	687
Unemployment	1,577	1,733	1,785	663	663		231	-	27	55	350	-	250	192	-	-	58
Clothing Allowance	3,000	7,500	7,725	2,575	2,575		515	-	-	515	1,545	-	1,030	1,030	-	-	-
Cell Phone Allowance	13,360	9,990	10,290	2,379	2,379		-	-	-	865	1,514	-	1,730	1,730	-	-	-
Payroll Benefits for Capital	24,321	26,435	25,949	-	-		-	-	-	-	-	-	-	-	-	-	-
Payroll Benefits	591,117	606,379	623,247	232,713	232,713	-	54,778	-	58,330	28,955	90,650	-	78,590	69,506	-	-	9,084
Payroll Allocations																	
Allocated to CIP or Capital Assets	(164,527)	(178,952)	(183,041)	-	-		-	-	-	-	-	-	-	-	-	-	-
Payroll Allocations to Capital	(164,527)	(178,952)	(183,041)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL EMPLOYEE COSTS	1,725,339	1,766,807	1,818,439	705,812	705,812	-	238,939	-	82,984	68,359	315,531	-	248,102	199,447	-	-	48,656
TOTAL OPERATING COSTS	4,665,624	4,930,311	5,142,860	1,984,733	1,250,456	734,277	1,420,860	1,000	82,984	124,359	315,531	40,000	324,602	199,447	68,000	8,500	48,656

	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	
Fuel Consumed - Vehicles	19,000	19,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil - field Vehicles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maint - Vehicles	14,000	14,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense	33,000	33,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous																			
Locates, Permits & Inspections	4,000	4,000	-	-	-	-	-	-	-	4,000	4,000	-	-	1,000	1,000	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Fee	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous and Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	16,000	16,000	-	-	-	-	-	-	-	4,000	4,000	-	-	1,000	1,000	-	-	-	-
TOTAL OPERATIONS & MAINTENANCE	109,000	106,000	3,000	19,000	2,000	2,000	15,000	-	-	44,000	32,000	12,000	-	40,000	28,000	8,000	4,000	4,500	-
TAXES & FRANCHISE FEES																			
Taxes																			
Property Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B&O Taxes	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taxes	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees																			
Franchise Expense - SHO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise Expense - LFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																			-
TOTAL TAXES & FRANCHISE FEES	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PASS-THRU COSTS																			
Street Lights/ Charge Point																			
Street Lights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charge Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Street Lights/ Charge Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																			-
TOTAL PASS-THRU COSTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPLOYEE COSTS																			
Travel & Training																			
Publications, Books, Manuals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel	8,000	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Per Diem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Registration	4,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Underexpenditure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Travel & Training	18,000	18,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs																			
Drug Testing	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hearing Tests	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uniforms	6,000	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Employee Costs	8,000	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs																			
Employement Agency Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Employee Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
` Direct Payroll Costs																			
Regular Pay	178,925	170,429	8,496	29,955	-	24,164	5,791	#####	15,303	46,349	11,464	17,022	17,864	83,200	5,336	43,860	34,003	26,264	31,105
Regular Pay for Capital																			117,778
Holiday Pay	30,163	30,163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sick Pay	24,727	24,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vacation Pay	86,125	86,125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
On-Call	19,763	19,763	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overtime	5,796	5,698	98	1,660	-	1,593	67	376	376	2,816	2,272	493	51	8,132	7,298	195	639	123	1,063
Direct Payroll Costs	345,499	336,905	8,594	31,615	-	25,757	5,858	#####	15,679	49,165	13,735	17,515	17,915	91,331	12,635	44,054	34,642	26,387	149,946
Payroll Benefits																			
FICA	19,880	19,335	545	1,993	-	1,621	372	985	985	3,097	874	1,108	1,115	5,937	912	2,840	2,184	1,672	1,945
Medicare	6,047	5,884	164	596	-	483	112	318	318	941	264	333	345	1,811	298	858	656	500	596
HCA/VEBA (Medical Insurance)	148,320	148,320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERS	38,619	37,514	1,105	4,031	-	3,281	750	2,159	2,159	6,327	1,775	2,241	2,311	12,218	2,006	5,768	4,444	3,386	4,019
Pension Expense Adj GASB 68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Insurance	5,075	4,928	147	541	-	439	103	284	284	845	237	299	309	1,669	265	786	618	473	541
Unemployment	492	477	14	58	-	47	11	23	23	70	18	28	25	145	17	77	50	38	46
Clothing Allowance	4,120	4,120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cell Phone Allowance	6,180	6,180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Payroll Benefits for Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,949
Payroll Benefits	228,733	226,759	1,974	7,219	-	5,872	1,347	3,768	3,768	11,280	3,167	4,008	4,105	21,780	3,499	10,329	7,952	6,068	33,095
Payroll Allocations																			
Allocated to CIP or Capital Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(183,041)
Payroll Allocations to Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(183,041)
TOTAL EMPLOYEE COSTS	600,232	589,664	10,568	38,834	-	31,629	7,205	#####	19,447	60,445	16,903	21,523	22,020	113,111	16,133	54,383	42,594	32,455	-
TOTAL OPERATING COSTS	823,732	810,164	13,568	1,695,834	1,603,000	70,629	22,205	#####	19,447	104,445	48,903	33,523	22,020	153,111	44,133	62,383	46,594	36,955	-

Water Purchased from Seattle Public Utilities (SPU)

2019-2020 - Budget

2018 Actual							Rates				Water Purchase Costs Projected for 2018				
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	$ 1.50	$ 0.07	$ 1.42	$ 0.07	$ 48,759	$ 28,218	$ 76,976		$ 76,976
February	84,437	49,659	49,659	10,066	-	-	$ 1.50	$ 0.07			$ 75,193	$ -	$ 75,193		$ 75,193
March	76,583	56,803	56,803	9,146	-	-	$ 1.50	$ 0.07			$ 85,845	$ -	$ 85,845		$ 85,845
April	64,987	52,748	52,748	11,730	-	-	$ 1.50	$ 0.07			$ 79,943	$ -	$ 79,943		$ 79,943
May	75,759	58,181	54,169	9,258	4,012	-	$ 1.50	$ 0.07	$ 2.22	$ 0.07	$ 81,901	$ 8,908	$ 90,809		$ 90,809
June	105,157	74,575	-	-	74,575	7,299	$ 1.50	$ 0.07	$ 2.22	$ 0.07	$ -	$ 166,067	$ 166,067		$ 166,067
July	135,512	85,251	-	-	85,251	6,925	$ 1.50	$ 0.07	$ 2.22	$ 0.07	$ -	$ 189,742	$ 189,742		$ 189,742
August	208,555	97,215	-	-	97,215	5,953	$ 1.50	$ 0.07	$ 2.22	$ 0.07	$ -	$ 216,234	$ 216,234		$ 216,234
September	65,399	76,742	13,023	-	63,719	6,684	$ 1.50	$ 0.08	$ 2.22	$ 0.07	$ 19,534	$ 141,924	$ 161,459		$ 161,459
October	79,523	58,642	58,642	11,991	-	-	$ 1.50	$ 0.08	$ 2.22	$ 0.07	$ 88,970	$ -	$ 88,970		$ 88,970
November	74,845	58,636	58,636	13,251	-	-	$ 1.50	$ 0.08	$ 2.22	$ 0.07	$ 89,067	$ -	$ 89,067		$ 89,067
December	74,029	53,611	53,611	9,698	-	-	$ 1.50	$ 0.08	$ 2.22	$ 0.07	$ 81,231	$ -	$ 81,231		$ 81,231
TOTAL	1,105,920	774,104	429,592	79,521	344,512	29,539					$ 650,443	$ 751,093	$ 1,401,536	$ -	$ 1,401,536
															2018 Cash Flow $ 1,397,112

2019 Budget							Rates				Water Purchase Costs Projected for 2019				
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	68,032	68,032	7,052	-	-	$ 1.58	$ 0.07	$ 1.50	$ 0.07	$ 107,984	$ -	$ 107,984		$ 107,984
February	84,437	51,796	51,796	19,555	-	-	$ 1.58	$ 0.07			$ 83,207	$ -	$ 83,207		$ 83,207
March	76,583	51,921	51,921	18,419	-	-	$ 1.58	$ 0.07			$ 83,325	$ -	$ 83,325		$ 83,325
April	64,987	56,662	56,662	12,716	-	-	$ 1.58	$ 0.07			$ 90,416	$ -	$ 90,416		$ 90,416
May	75,759	64,123	57,411	252	6,712	28	$ 1.58	$ 0.07	$ 2.36	$ 0.07	$ 90,727	$ 15,843	$ 106,570		$ 106,570
June	105,157	76,352	-	-	76,352	3,985	$ 1.58	$ 0.07	$ 2.36	$ 0.07	$ -	$ 180,470	$ 180,470		$ 180,470
July	135,512	77,231	-	-	77,231	9,033	$ 1.58	$ 0.07	$ 2.36	$ 0.07	$ -	$ 182,897	$ 182,897		$ 182,897
August	208,555	87,495	-	-	87,495	6,526	$ 1.58	$ 0.07	$ 2.36	$ 0.07	$ -	$ 206,945	$ 206,945		$ 206,945
September	65,399	82,274	14,777	1,681	67,497	7,562	$ 1.58	$ 0.08	$ 2.36	$ 0.07	$ 23,489	$ 159,822	$ 183,311		$ 183,311
October	79,523	59,399	59,399	8,693	-	-	$ 1.58	$ 0.08	$ 2.36	$ 0.07	$ 94,581	$ -	$ 94,581		$ 94,581
November	74,845	60,530	60,530	36,147	-	-	$ 1.58	$ 0.08	$ 2.36	$ 0.07	$ 98,674	$ -	$ 98,674		$ 98,674
December	74,029	57,410	57,410	35,159	-	-	$ 1.58	$ 0.08	$ 2.36	$ 0.07	$ 93,661	$ -	$ 93,661		$ 93,661
TOTAL	1,105,920	793,225	477,938	139,674	315,287	27,134					$ 766,062	$ 745,977	$ 1,512,040	$ -	$ 1,512,040
															2019 Budget $ 1,512,000

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	68,032	68,032	7,052	-	-	$ 1.67	$ 0.07	$ 1.58	$ 0.07	$ 114,107	$ -	$ 114,107		$ 114,107
February	84,437	51,796	51,796	19,555	-	-	$ 1.67	$ 0.07			$ 87,868	$ -	$ 87,868		$ 87,868
March	76,583	51,921	51,921	18,419	-	-	$ 1.67	$ 0.07			$ 87,997	$ -	$ 87,997		$ 87,997
April	64,987	56,662	56,662	12,716	-	-	$ 1.67	$ 0.07			$ 95,516	$ -	$ 95,516		$ 95,516
May	75,759	64,123	57,411	252	6,712	28	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ 95,894	$ 16,783	$ 112,676		$ 112,676
June	105,157	76,352	-	-	76,352	3,985	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ -	$ 191,159	$ 191,159		$ 191,159
July	135,512	77,231	-	-	77,231	9,033	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ -	$ 193,710	$ 193,710		$ 193,710
August	208,555	87,495	-	-	87,495	6,526	$ 1.67	$ 0.07	$ 2.50	$ 0.07	$ -	$ 219,194	$ 219,194		$ 219,194
September	65,399	82,274	14,777	1,681	67,497	7,562	$ 1.67	$ 0.10	$ 2.50	$ 0.07	$ 24,847	$ 169,272	$ 194,119		$ 194,119
October	79,523	59,399	59,399	8,693	-	-	$ 1.67	$ 0.10	$ 2.50	$ 0.07	$ 100,073	$ -	$ 100,073		$ 100,073
November	74,845	60,530	60,530	36,147	-	-	$ 1.67	$ 0.10	$ 2.50	$ 0.07	$ 104,729	$ -	$ 104,729		$ 104,729
December	74,029	57,410	57,410	35,159	-	-	$ 1.67	$ 0.10	$ 2.50	$ 0.07	$ 99,419	$ -	$ 99,419		$ 99,419
TOTAL	1,105,920	793,225	477,938	139,674	315,287	27,134					$ 810,449	$ 790,117	$ 1,600,566	$ -	$ 1,600,566
															2020 Budget $ 1,601,000

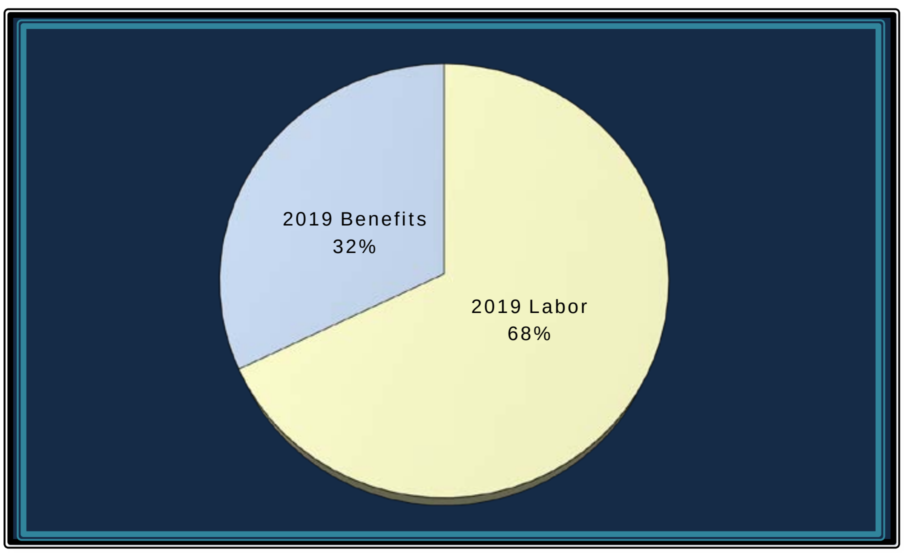
Employee Costs

Labor and Benefits Summary

(Before Capitalization)

2019 - Budget

	DIRECT LABOR	TOTAL BENEFITS	COMBINED TOTAL
Total Projected Labor and Benefits for 2018	$ 1,240,313	$ 591,080	$ 1,831,393
Base Labor and Benefits for 2019	$ 1,228,740	$ 595,913	$ 1,824,653
Add Step Increases	$ 10,201	$ 2,104	$ 12,305
3% COLA and Benefit Increase for Employees	$ 42,839	$ 8,365	$ 51,204
TOTAL LABOR AND BENEFITS FOR 2019 *(Cash Basis)*	$ 1,281,780	$ 606,382	$ 1,888,163
2019 Total Increase (Decrease) over 2018	*$ 41,467*	*$ 15,303*	*$ 56,770*
Percent Increase (Decrease) over 2018	*3.3%*	*2.6%*	*3.1%*



North City WATER DISTRICT

2019 - Budget

Labor and Benefits

Direct Labor parameters	
0.0%	Commissioner's Inc
3.3%	Employee's COLA
$ -	Employee's COLA Lump-sum
$ 358.88	2018 On-call
$ 370.72	2019 On-call

Benefits parameters	Clothing	Phone	VEBA	PERS Amt	Medicare / Family Leave	Soc Sec	L&I	Unemploy
							$ 1.32235	$ 47,300
						$ 132,300	$ 0.15060	$ 45,000
			$ 1,500 J-J	12.83%		$ 8,203	$ 1.32235	0.25%
	$ 500	$ 70.00	$ 1,500 J-D	12.83%	1.83%	6.20%	$ 0.15060	0.25%

Position		Total Hrs @ Reg Pay	Vac CO	OT @ 1.5	OTW	2019 Total Hours	Oncall	Per Deim / Other	Reg OT	OTW	2019 Total Gross Pay	Clothing	Phone	VEBA	PERS Amt	Medicare / Family Leave	Soc Sec	L&I	Unemploy	2019 Total Benefits	2019 LABOR AND BENEFITS
Commissioner	Cash Payment 2019 - W-2	346.50	-	-	-	346.50	$ -	$ -			$ 9,855.98	$ -	$ -	$ 18,000		$ 180.74	$ 611	$ 52.18		$ 18,844.03	$ 28,700.02
Commissioner	Cash Payment 2019 - W-2	396.00	-	-	-	396.00	$ -	$ -			$ 11,263.98	$ -	$ -	$ 18,000		$ 206.56	$ 698	$ 60.99	$ -	$ 18,965.96	$ 30,229.95
Commissioner	Cash Payment 2019 - W-2	400.50	-	-	-	400.50	$ -	$ -			$ 11,391.98	$ -	$ -	$ 18,000		$ 200.11	$ 676.62	$ 58.96		$ 18,935.69	$ 30,327.67
District Manager	Cash Payment 2019 - W-2	2,080.00	48.00	-	-	2,128.00	$ -	$ -	$ -	$ -	$ 155,850.73	$ 500	$ -	$ 18,000	$ 19,544.03	$ 2,867.16	$ 8,203.13	$ 285.54	$ 125.11	$ 49,524.97	$ 205,375.71
Prior Finance Manager	Cash Payment 2019 - W-2	440.00	225.00	-	-	665.00	$ -	$ -	$ -	$ -	$ 41,611.86	$ 500	$ -	$ 4,500	$ 5,338.80	$ 760.66	$ 2,571.92	$ 46.99	$ 105.28	$ 13,823.65	$ 55,435.51
Accountant	Cash Payment 2019 - W-2	1,480.00	-	-	-	1,480.00	$ -	$ -	$ -	$ -	$ 49,681.39	$ 500	$ 630	$ 13,500	$ 6,374.12	$ 931.78	$ 3,151	$ 223	$ 49	$ 25,358.23	$ 75,039.61
New Finance Manager	Cash Payment 2019 - W-2	2,080.00	48.00	-	-	2,128.00	$ -	$ 203.00	$ -	$ -	$ 103,267.85	$ 500	$ 840	$ 18,000	$ 12,949.24	$ 1,918.30	$ 6,486	$ 258	$ 137	$ 41,088.59	$ 144,356.44
Customer & Vendor Care Specialist	Cash Payment 2019 - W-2	2,080.00	-	10.50	-	2,090.50	$ -	$ -	$ 449.89	$ -	$ 61,046.17	$ 500	$ 840	$ 18,000	$ 7,832	$ 1,144.04	$ 3,868	$ 286	$ 153	$ 32,623.90	$ 93,670.07
Customer & Vendor Care Supervisor	Cash Payment 2019 - W-2	2,080.00	-	54.00	-	2,134.00	$ -	$ -	$ 2,929.16	$ -	$ 78,299.75	$ 500	$ 840	$ 18,000	$ 10,045.86	$ 1,460.43	$ 4,937.98	$ 263.44	$ 123.08	$ 36,170.80	$ 114,470.54
Executive Assistant	Cash Payment 2019 - W-2	1,262.00	-	-	-	1,262.00	$ -	$ -	$ -	$ -	$ 43,024.32	$ 500	$ 840	$ 18,000	$ 5,520.02	$ 813.55	$ 2,750.77	$ 170.89	$ 106.14	$ 28,701.37	$ 71,725.69
Operations Manager	Cash Payment 2019 - W-2	2,080.00	88.00	-	-	2,168.00	$ -	$ -	$ -	$ -	$ 142,569.78	$ 500	$ -	$ 18,000	$ 17,548.29	$ 2,612.96	$ 8,203.13	$ 2,316.76	$ 125.35	$ 49,306.48	$ 191,876.27
Inspector/	Cash Payment 2019 - W-2	2,080.00	48.00	32.00	65.00	2,225.00	$ 4,009.68	$ 545.17	$ 1,804.39	$ 4,528.38	$ 90,786.05	$ 500	$ 960	$ 18,000	$ 11,416.35	$ 1,691.61	$ 5,720	$ 2,536	$ 129	$ 40,952.50	$ 131,738.55

Position		Prior Year	With COLA	Step Inc	With Step
District Manager	Salary	$ 147,661	$ 152,534	$ -	$ 152,534
	Effective Hourly	$ 70.99	$ 73.33		$ 73.33
Prior Finance Manager	Salary	$ 126,269	$ 130,436	$ -	$ 130,436
	Effective Hourly	$ 60.71	$ 62.71		$ 62.71
Accountant	Effective Salary	$ 67,592	$ 69,822	$ -	$ 69,822
	Hourly	$ 32.50	$ 33.57		$ 33.57
New Finance Manager	Effective Salary	$ 98,097	$ 101,334	$ -	$ 101,334
	Hourly	$ 47.16	$ 48.72		$ 48.72
Customer & Vendor Care Specialist	Effective Salary	$ 56,991	$ 58,871	August Step Inc $ 2,850	$ 61,721
	Hourly	$ 27.40	$ 28.30		$ 29.67
Customer & Vendor Care Supervisor	Effective Salary	$ 69,800	$ 72,103	$ 3,490	$ 75,593
	Hourly	$ 33.56	$ 34.67		$ 36.34
Executive Assistant	Effective Salary	$ 40,825	$ 42,173	$ 2,041	$ 44,214
	Hourly	$ 32.71	$ 33.79		$ 35.43
Operations Manager	Salary	$ 132,582	$ 136,958	$ -	$ 136,958
	Effective Hourly	$ 63.74	$ 65.85		$ 65.85
Inspector/	Salary	$ 75,692	$ 78,190	$ -	$ 78,190
	Effective Hourly	$ 36.39	$ 37.59		$ 37.59

North City WATER DISTRICT

2019 - Budget

Labor and Benefits

Direct Labor

0.0%	Commissioner's Inc
3.3%	Employee's COLA
$ -	Employee's COLA Lump-sum
$ 358.88	2018 On-call
$ 370.72	2019 On-call

Benefits

Clothing	Phone	VEBA	PERS Amt	Medicare / Family Leave	Soc Sec	L&I	Unemploy
						$ 1.32235	$ 47,300
					$ 132,300	$ 0.15060	$ 45,000
		$ 1,500 J-J	12.83%		$ 8,203	$ 1.32235	0.25%
$ 500	$ 70.00	$ 1,500 J-D	12.83%	1.83%	6.20%	$ 0.15060	0.25%

Combined

Position		Prior Year	With COLA	Step Inc	With Step
Operations Lead	Effective Salary	$ 87,428	$ 90,313	$ -	$ 90,313
	Hourly	$ 42.03	$ 43.42		$ 43.42
Utility Person III	Effective Salary	$ 66,304	$ 68,492	$ -	$ 68,492
	Hourly	$ 31.88	$ 32.93		$ 32.93
Utility Person I	Effective Salary	$ 51,401	$ 53,097	$ 3,168	$ 56,265
	Hourly	$ 24.71	$ 25.53		$ 27.05
Utility Person I	Effective Salary	$ 54,569	$ 56,369	$ -	$ 56,369
	Hourly	$ 26.23	$ 27.10		$ 27.10
Utility Person IV / Water Quality Person	Effective Salary	$ 75,692	$ 78,190	$ -	$ 78,190
	Hourly	$ 36.39	$ 37.59		$ 37.59
Utility Person IV	Effective Salary	$ 75,692	$ 78,190	$ 4,694	$ 82,884
	Hourly	$ 36.39	$ 37.59		$ 39.85
Utility Person IV	Effective Salary	$ -	$ -	$ -	
	Hourly	$ -	$ -		

Cash Payment 2019 - W-2	Total Hrs @ Reg Pay	Vac CO	OT @ 1.5	OTW	2019 Total Hours	Oncall	Per Deim / Other	Reg OT	OTW	2019 Total Gross Pay
Operations Lead	2,080.00	48.00	28.00	9.50	2,165.50	$ 2,595.06	$ -	$ 1,823.64	$ 750.80	$ 97,456.19
Utility Person III	2,080.00	48.00	68.50	52.50	2,249.00	$ 3,707.23	$ -	$ 3,361.33	$ 3,322.99	$ 80,379.62
Utility Person I	2,080.00	-	21.50	6.00	2,107.50	$ 741.45	$ -	$ 843.82	$ 325.98	$ 56,816.27
Utility Person I	2,088.00	-	4.00	13.00	2,105.00	$ 741.45	$ -	$ 162.60	$ 709.20	$ 58,130.19
Utility Person IV / Water Quality Person	2,080.00	48.00	78.50	16.50	2,223.00	$ 3,324.66	$ -	$ 4,400.27	$ 1,159.77	$ 88,783.14
Utility Person IV	2,080.00	-	44.00	43.50	2,167.50	$ 4,066.11	$ 225.66	$ 2,629.96	$ 3,182.30	$ 92,711.32
Utility Person IV	-	-	-	-	-	$ -	$ -	$ -	$ -	$ -
Total Cash Payment 2019	29,293.00	601.00	341.00	206.00	30,441.00	$ 19,185.64	$ 973.83	$ 18,405.06	$ 13,979.43	$ 1,272,926.59
Total Accrued Expense 2019	29,405.50	601.00	341.00	206.00	30,553.50	$ 19,187.03	$ 973.83	$ 16,767.98	$ 12,482.47	$ 1,281,780.25

Cash Payment 2019 - W-2	Clothing	Phone	VEBA	PERS Amt	Medicare / Family Leave	Soc Sec	L&I	Unemploy	2019 Total Benefits	2019 LABOR AND BENEFITS
Operations Lead	$ 500	$ 840	$ 18,000	$ 12,236.23	$ 1,811.72	$ 6,125.76	$ 2,382.21	$ 121.85	$ 42,017.77	$ 139,473.96
Utility Person III	$ 500	$ 840	$ 18,000	$ 10,109.92	$ 1,498.57	$ 5,066.94	$ 2,577.26	$ 124.49	$ 38,717.19	$ 119,096.80
Utility Person I	$ 500	$ 840	$ 18,000	$ 7,289.53	$ 1,057.23	$ 3,575	$ 2,390	$ 143	$ 33,794.34	$ 90,610.62
Utility Person I	$ 500	$ 840	$ 18,000	$ 7,458.10	$ 1,090.56	$ 3,687	$ 2,401	$ 146	$ 34,123.50	$ 92,253.69
Utility Person IV / Water Quality Person	$ 500	$ 840	$ 18,000	$ 11,159.37	$ 1,652.68	$ 5,588	$ 2,387	$ 129	$ 40,255.47	$ 129,038.61
Utility Person IV	$ 500	$ 840	$ 18,000	$ 11,894.86	$ 1,697.62	$ 5,739.95	$ 2,374.31	$ 135.86	$ 41,182.60	$ 133,893.92
Utility Person IV	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Cash Payment 2019	$ 7,500.00	$ 9,990.00	$ 306,000.00	$ 156,716.95	$ 23,596.29	$ 77,660.21	$ 21,071.44	$ 1,852.15	$ 604,387.04	$ 1,877,313.63
Total Accrued Expense 2019	$ 7,500.00	$ 9,990.00	$ 306,000.00	$ 157,836.45	$ 23,772.35	$ 78,239.62	$ 21,170.01	$ 1,873.97	$ 606,382.39	$ 1,888,162.64

North City WATER DISTRICT

2019 Salaries & Wages

2019 - Budget

Across the Board Increase 3.3% | Lump sum $ -

MANAGEMENT						
TITLE	Steps	Step 1	Step 2	Step 3	Step 4	Step 5
Finance Manager	5	$ 101,334.12	$ 112,124.51	$ 117,994.05	$ 124,172.50	$ 130,435.92
Operations Manager	5	$ 101,334.12	$ 112,124.51	$ 117,994.05	$ 124,172.50	$ 130,435.92
Certification Pay (5%)						$ 6,521.80
FINANCE & ADMIN.DEPARTMENT						
TITLE	Steps	Step 1	Step 2	Step 3	Step 4	
Senior Accountant / Assistant Finance Manager (Step 4)	4	$ 69,822.49	$ 74,078.09	$ 78,190.46	$ 88,355.22	
		$ 33.5685	$ 35.6145	$ 37.5916	$ 42.4785	
Executive Assistant	3	$ 60,281.28	$ 65,354.49	$ 70,287.90	$ 73,802.29	
rate per hour		$ 28.9814	$ 31.4204	$ 33.7923	$ 35.4819	
Customer & Vendor Care Supervisor	3	$ 65,399.92	$ 68,669.92	$ 72,103.41	$ 75,708.58	
rate per hour		$ 31.4423	$ 33.0144	$ 34.6651	$ 36.3984	
Customer & Vendor Care Specialist	3	$ 56,067.83	$ 58,871.23	$ 61,814.79		
rate per hour		$ 26.9557	$ 28.3035	$ 29.7186		
OPERATIONS DEPARTMENT						
TITLE		Step 1	Step 2	Step 3		
Field Inspector/Project Manager	3	$ 96,684.59	$ 101,488.65	$ 106,532.90		
rate per hour		$ 46.4830	$ 48.7926	$ 51.2177		
Field Inspector/GIS/Mapping	3	$ 69,849.00	$ 73,341.45	$ 78,190.11		
rate per hour		$ 33.5812	$ 35.2603	$ 37.5914		
TITLE		YEAR 1	YEAR 2+			
Operations Lead	2	$ 84,252.38	$ 90,313.49			
rate per hour		$ 40.5060	$ 43.4199			
Utility Person IV / Water Quality	2	$ 73,341.45	$ 78,190.11			
rate per hour		$ 35.2603	$ 37.5914			
Utility Person IV	2	$ 73,341.45	$ 78,190.11			
rate per hour		$ 35.2603	$ 37.5914			
Utility Person III	2	$ 64,855.43	$ 68,491.64			
rate per hour		$ 31.1805	$ 32.9287			
Utility Person II	2	$ 58,793.16	$ 62,430.52			
rate per hour		$ 28.2659	$ 30.0147			
Utility Person I	2	$ 53,096.92	$ 56,369.40			
rate per hour		$ 25.5274	$ 27.1007			
On-Call Pay - rate per week		$ 370.73				

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			
Base Labor and Benefits for 2020			
Add Step Increases			
3% COLA and Benefit Increase for Employees			
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 2019 for 2020. A 3% increase was used for payroll costs across the board in the forecast, but it may be more or less.

North City WATER DISTRICT

Capital Costs

North City WATER DISTRICT

Capital Plan Summary

2019-2030 - Budget / Forecast

Capital Forecast	2016-2018	2019	2020	2021	2022	2023	2024	2025-2030	2016-2030
SOURCES:									
Capital Account Beginning Balance	$ 1,920,865	$ 9,440,183	$ 5,643,648	$ 7,451,808	$ 7,791,613	$ 8,190,836	$ 9,284,464	$ 7,876,679	$ 1,920,865
Transfers from the Maintenance Fund	4,689,271	1,374,600	1,485,584	1,498,435	1,411,865	1,525,899	1,640,564	10,170,247	23,796,466
Interest Earnings	238,665	94,402	56,436	111,777	116,874	122,863	139,267	748,501	1,628,785
Bond Proceeds	7,844,610							5,000,000	12,844,610
DWSRF Loan	2,087,042								2,087,042
Transfer Bond Fund	1,099,148	194,000	76,920	-	-	-	-	-	1,370,068
Connection Fees	1,142,878	734,710	271,604	375,791	233,764	371,084	36,674	1,778,027	4,944,531
Sale of Old Maintenance Property	-		2,000,000						2,000,000
TOTAL SOURCES	19,022,477	11,837,895	9,534,193	9,437,812	9,554,116	10,210,681	11,100,969	25,573,453	50,592,366
USES:									
1 Other Projects 2016-2018	450,527								450,527
2 NCPS	4,769,611								4,769,611
3 Vactor Truck	496,370	-	-	-	-	-	597,026		1,093,396
4 Maintenance Building	3,550,152	5,517,927	1,113,882	-	-	-	-		10,181,961
5 Water System Plan Updates	315,634	44,614	-	-	-	-	-		360,248
6 GIS Project	-	200,953	189,393	209,756	146,414	131,252	138,665		1,016,435
7 System Upgrades Water Quality	-	-	-	-	-	223,545	200,622		424,168
8 Booster Stations Rehabilitation/Replace	-	-	-	-	-	-	87,050		87,050
9 System-wide - R&R PRV Stations	-	-	137,014	141,222	10,561	-	-		288,797
10 2.0 MG Reservoir Capital Imp - Const	-	-	212,339	-	-	-	-		212,339
11 Install individual PRVs new 520 zone (CIP 501)	-	-	-	493,889	-	-	-		493,889
12 Install new 8" main and 2 check valves (CIP 50	-	-	-	62,497	666,248	-	-		728,745
13 Install new 8" main and check valve (CIP 503)	-	-	59,875	460,386	-	-	-		520,261
14 Install new 12" main - N/S 520 zone (CIP 504)	-	-	-	10,927	33,352	-	-		44,279
15 Remove PRV-5 (CIP 505)	-	-	-	-	5,291	-	-		5,291
16 Install 8" water mains for looping (CIP 506)	-	-	-	-	34,137	211,039	-		245,176
17 Relocate PRV-2 (CIP 507)	-	-	-	13,564	73,725	-	-		87,289
18 Install 8" main across Hamlin Park (CIP 608)	-	-	-	-	-	-	42,714	288,629	331,342
19 Install 12" main to create trans line (CIP 609)	-	-	-	-	-	130,661	1,849,908		1,980,569
20 Upgrade Supply Station 1 (CIP 610)	-	-	-	-	22,882	61,317	-		84,199
21 CIP 12 - NE 200th St./25th Ave. NE	-	-	-	-	202,420	-	-		202,420
22 Shake Alert	-	84,278	-	-	-	-	-		84,278
23 Telemetry	-	77,930	28,126	-	-	-	-		106,056
24 Meters/Services	-	85,993	71,842	66,761	67,229	67,715	68,221		427,760
25 Hydrant Replacement	-	38,417	39,197	40,000	40,828	41,680	42,558		242,679
26 Valve Replacement	-	24,337	25,141	25,971	26,830	27,717	28,634		158,630
27 Technology Additions & Replacement	-	28,690	15,815	11,595	20,250	17,785	26,190		120,325
28 Tools, Equipment & Furniture	-	57,000	157,360	12,731	13,113	13,506	13,911		267,621
29 Engineering Reports	-	34,108	32,401	96,899	-	-	128,789		292,198
30 On-going Projects	-	-	-	-	-	-	-	20,361,665	20,361,665
TOTAL USES	9,582,294	6,194,247	2,082,385	1,646,199	1,363,280	926,218	3,224,290	20,650,293	45,669,206
ENDING BALANCE (Net Surplus)	$9,440,183	$5,643,648	$7,451,808	$7,791,613	$8,190,836	$9,284,464	$7,876,679	$4,923,160	$4,923,160

Capital Plan - Project

2019-2024 - 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	2019-2024	2016-2024
Design	$ 649,378	$ 70,000	$ -	$ -	$ -	$ -	$ -	70,000	$ 719,378
Site Work	2,410,000	1,173,130	-	-	-	-	-	1,173,130	3,583,130
Building Costs	-	3,600,028	1,007,373	-	-	-	-	4,607,402	4,607,402
Permit	80,000	5,000		-	-	-	-	5,000	85,000
Contigency for buildings	-	345,071	50,000	-	-	-	-	395,071	395,071
Crew time - design/const & moving	4,587	22,576	5,870	-	-	-	-	28,446	33,033
Project management	68,895	92,248	47,969	-	-	-	-	140,217	209,112
Management review	11,008	9,874	2,670	-	-	-	-	12,544	23,552
Legal & other	6,175	-	-	-	-	-	-	-	6,175
Capitalized Interest	320,000	200,000	-	-	-	-	-	200,000	520,000
Total Costs	$ 3,550,043	$ 5,517,927	$ 1,113,882	$ -	$ -	$ -	$ -	$ 6,631,809	$ 10,181,852

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 $2,490,000, a second contract for admin and shops building and decant building plus generator in 2018, the expanded shops and wash building are assumed to be constructed in 2019. 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 has 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:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

2020 Water System Plan & Conservation Plan

Status:	Ongoing	Locations:	District wide
Funding Source:	Rates	Permits:	None; DOH and King County approval req'd

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Consulting	$ 315,634	$ 35,000	$ -	$ -	$ -	$ -	$ -	$ 35,000	$ 350,634
Crew time	-	-	-	-	-	-	-	-	-
Project management / review	-	3,690	-	-	-	-	-	3,690	3,690
Management review	-	5,924	-	-	-	-	-	5,924	5,924
Legal & other	-							-	-
Total Costs	$ 315,634	$ 44,614	$ -	$ -	$ -	$ -	$ -	$ 44,614	$ 360,248

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 Water System Plan 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.

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:
Other project names:

North City WATER DISTRICT

Capital Plan - Project

2019-2024 - Budget / Forecast

GIS/Mapping Project

Status: Ongoing

Funding Source: Rates

Locations: District wide

Permits: None

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Arials		$ -	$ 2,122	$ -	$ -	$ -	$ 2,388	$ 4,510	$ 4,510
Equipment		18,000	-	18,000	-	-	-	36,000	36,000
ESRI software		20,000	20,600	21,218	21,855	22,510	23,185	129,368	129,368
Mapping/GIS Consultant		70,000	70,000	70,000	20,000	-	-	230,000	230,000
District labor		55,419	57,636	59,941	62,339	64,832	67,426	367,592	367,592
Project management / review		37,534	39,036	40,597	42,221	43,910	45,666	248,965	248,965
Total Costs	$ -	$ 200,953	$ 189,393	$ 209,756	$ 146,414	$ 131,252	$ 138,665	$ 1,016,435	$ 1,016,435

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

2019-2024 - Budget / Forecast

System Upgrades Water Quality

Status: Projected
Funding Source: Rates

Locations: unknown
Permits: Building, Electrical, & ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design		$ -	$ -	$ -	$ -	$ -	$ 17,911	$ 17,911	$ 17,911
Construction		-	-	-	-	218,545	125,375	343,921	343,921
Inspection - In-house		-	-	-	-	-	61,646	61,646	61,646
Crew time		-	-	-	-	-	6,867	6,867	6,867
Project management		-	-	-	-	-	6,734	6,734	6,734
Legal & other		-	-	-	-	5,000	-	5,000	5,000
Total Costs		$ -	$ -	$ -	$ -	$ 223,545	$ 200,622	$ 424,168	$ 424,168

Project description: The District will conmtinue to monitor the water quality at the 16 different sampling stations. With the new capital projects and changes in the District operations, the District will consider adding a water quality injection station, the location yet to be determined.

Rationale: Adding a chlorine injection station will imporve chlorine residules in the system .

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Booster Station Replacement

Status: Ongoing
Funding Source: Rates and PWTF Loan or Bonds

Locations: Multiple
Permits: Building, Electrical, Plumbing, Fire & ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,000	$ 75,000	$ 75,000
Construction		-	-	-	-	-	-	-	-
Contigency		-	-	-	-	-	-	-	-
Crew time		-	-	-	-	-	-	-	-
Inspection		-	-	-	-	-	-	-	-
Project management		-	-	-	-	-	2,245	-	-
Management review		-	-	-	-	-	4,805	-	-
Legal & other		-	-	-	-	-	5,000	-	-
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ 87,050	$ 75,000	$ 75,000

Project description: Relocate both booster pump stations so that they are no longer located below ground within in the right of way. Both underground stations do not have the use of a portable generator. This project assumes to include a predesign report is completed for each station. Booster Station 1 will be relocated to the District's maintenance facility site. The location of Booster Station 2 is unknown, however costs are included for land purchase. Amounts in text are in 2018 dollars. - amounts shown in table are inflated. Design expected to begin in 2025.

Rationale: North City Water District has two booster pump stations. A predesign report will be completed for each pump station as it nears the end of its useful life to consider basic improvements to complete reconstrution. Booster station 1 was originally constructed in 1963 and rehabilitated in 1989 (26 years old in 2017). Booster station 2 was originally constructed in 1963 and rehabilitatied in 1992 (23 years old in 2017). The new construction will require a new structure, pumps, piping and electrical similar to the North City/Denny Clouse Pump station, except to be 1/3 the size and costs. Back up electricial will be required, Goal is to apply for a Public Works Trust Fund loan for these projects

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

System-wide Rebuild/Replace PRV Stations

Status: Ongoing

Funding Source: Rates

Locations: Various

Permits: Not required unless vault is replaced, then RO'

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Construction	$ -	$ -	$ 127,250	$ 131,068	$ -	$ -	$ -	$ 258,318	$ 258,318
Crew time	-	-	8,805	9,157	9,523	-	-	27,484	27,484
Project management	-	-	959	998	1,038	-	-	2,995	2,995
Total Costs	$ -	$ -	$ 137,014	$ 141,222	$ 10,561	$ -	$ -	$ 288,797	$ 288,797

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 5 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. Some of 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

2019-2024 - Budget / Forecast

2.0 MG Reservoir Misc Capital Improvements

Status: Projected
Funding Source: Rates

Locations: 2.0 MG resevoir site
Permits:

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ 53,045	$ -	$ -	$ -	$ -	$ 53,045	$ 53,045
Construction	-	-	143,222	-	-	-	-	143,222	143,222
Inspection	-	-	11,198	-	-	-	-	11,198	11,198
Crew time	-	-	2,348	-	-	-	-	2,348	2,348
Project management	-	-	1,986	-	-	-	-	1,986	1,986
Legal & other	-	-	541	-	-	-	-	541	541
Total Costs	$ -	$ -	$ 212,339	$ -	$ -	$ -	$ -	$ 212,339	$ 212,339

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

2019-2024 - Budget / Forecast

Install individual PRVs for new 520 zone (CIP 501)

Status: Projected
Funding Source: Rates

Locations: SE part of District
Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design		$ -	$ -	$ 10,000	$ -	$ -	$ -	$ 10,000	$ 20,000
Construction	-	-	-	453,482	-	-	-	453,482	453,482
Inspection	-	-	-	20,551	-	-	-	20,551	20,551
Crew time	-	-	-	-	-	-	-	-	-
Project management	-	-	-	7,125	-	-	-	7,125	7,125
Legal & other	-	-	-	2,732	-	-	-	2,732	2,732
Total Costs	$ -	$ -	$ -	$ 493,889	$ -	$ -	$ -	$ 493,889	$ 503,889

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

Rationale: Forming a new 520 zone is expected to improve fire flow and water quality within the new zone.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Install new 8" main and 2 check valves (CIP 502)

Status: Projected

Locations: NE 158th St between 10th and 15th Ave NE, NE 158th St and 10th Ave NE, NE 158th St and 15th Ave NE

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ 54,636	$ -	$ -	$ -	$ 54,636	$ 54,636
Construction	-	-	-	-	650,544	-	-	$ 650,544	$ 650,544
Inspection	-	-	-	-	8,549	-	-	8,549	8,549
Crew time	-	-	-	-	5,079	-	-	5,079	5,079
Project management	-	-	-	5,129	2,075	-	-	7,205	7,205
Legal & other	-	-	-	2,732	-	-	-	2,732	2,732
Total Costs	$ -	$ -	$ -	$ 62,497	$ 666,248	$ -	$ -	$ 728,745	$ 728,745

Project description: Install 1320 lf of 8" water main to connect 520 zone dead-end mains created by the new zone separation. Install two 590/520 check valves.

Rationale: Forming a new 520 zone is expected to improve fire flow and water quality within the new zone.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Install new 8" main and check valve (CIP 503)

Status: Projected

Locations: NE 160th St between 25th and 28th Ave NE, NE 160th St and 25th Ave NE

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ 54,080	$ -	$ -	$ -	$ -	$ 54,080	$ 54,080
Construction	-	-	-	442,554	-	-	-	$ 442,554	$ 442,554
Inspection	-	-	-	8,220	-	-	-	8,220	8,220
Crew time	-	-	-	4,884	-	-	-	4,884	4,884
Project management	-	-	5,795	1,996	-	-	-	7,791	7,791
Legal & other	-	-	-	2,732	-	-	-	2,732	2,732
Total Costs	$ -	$ -	$ 59,875	$ 460,386	$ -	$ -	$ -	$ 520,261	$ 520,261

Project description: Install 8" water main to connect 590 Zone dead-end piping created by the 520 zone separation.

Rationale: Forming a new 520 zone is expected to improve fire flow and water quality within the new zone.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Install new 12" main to create North/South 520 zone (CIP 504)

Status: Projected
Funding Source: Rates

Location: 18th Ave NE & Perkins Way
Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ 10,927	$ -	$ -	$ -	$ 10,927	$ 10,927
Construction	-	-	-	-	28,138	-	-	$ 28,138	$ 28,138
Inspection	-	-	-	-	1,425	-	-	1,425	1,425
Crew time	-	-	-	-	1,270	-	-	1,270	1,270
Project management	-	-	-	-	2,520	-	-	2,520	2,520
Legal & other	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ 10,927	$ 33,352	$ -	$ -	$ 44,279	$ 44,279

Project description: Connect northern end of 25th Ave Pipeline to 520 zone to create a north-south 520 zone distribution

Rationale: Forming a new 520 zone is expected to improve fire flow and water quality within the new zone.

GL Code:
Other project names:

North City WATER DISTRICT

Capital Plan - Project

2019-2024 - Budget / Forecast

Remove PRV-5 (CIP 505)

Status: Projected

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

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Inspection	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	3,809	-	-	3,809	3,809
Project management	-	-	-	-	1,482	-	-	1,482	1,482
Legal & other	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ -	$ 5,291	$ -	$ -	$ 5,291	$ 5,291

Project description: Remove PRV-5

Rationale: Forming a new 520 zone is expected to improve fire flow and water quality within the new zone.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Install 8" water mains for looping (CIP 506)

Status: Projected

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

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ -	$ 28,138	$ -	$ -	$ 28,138	$ 28,138
Construction	-	-	-	-	-	202,873	-	202,873	202,873
Inspection	-	-	-	-	-	4,446	-	4,446	4,446
Crew time	-	-	-	-	-	2,641	-	2,641	2,641
Project management	-	-	-	-	3,186	1,079	-	4,265	4,265
Legal & other	-	-	-	-	2,814	-	-	2,814	2,814
Total Costs	$ -	$ -	$ -	$ -	$ 34,137	$ 211,039	$ -	$ 245,176	$ 245,176

Project description: Install 490 feet of 8" water mains in three locations (NE 155th Street between 30th and 32nd Ave NE, 32nd Ave NE @ 158th Street and 33rd Ave NE @ 158th Street)

Rationale: Forming a new 520 zone is expected to improve fire flow and water quality within the new zone.

GL Code:
Other project names:

North City WATER DISTRICT

Capital Plan - Project

2019-2024 - Budget / Forecast

Relocate PRV-2 (CIP 507)

Status: Projected

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

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ 10,927	$ -	$ -	$ -	$ 10,927	$ 10,927
Construction	-	-	-	-	67,531	-	-	67,531	67,531
Inspection	-	-	-	-	2,850	-	-	2,850	2,850
Crew time	-	-	-	-	1,270	-	-	1,270	1,270
Project management	-	-	-	2,636	2,075	-	-	4,712	4,712
Legal & other	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ 13,564	$ 73,725	$ -	$ -	$ 87,289	$ 87,289

Project description: Relocatd PRV-2 from 25th to 28th Ave NE and NE 178th Street to maintain 432 hydrauiic grade line for piping loop

Rationale: Forming a new 520 zone is expected to improve fire flow and water quality within the new zone.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Install 8" water main across Hamlin Park (CIP 608)

Status: Projected

Location: from Fircrest to either Kellogg Middle or Shorecrest High School's water main

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025-2030	2016-2030
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ 35,822	$ -	$ 35,822
Construction	-	-	-	-	-	-	-	276,722	$ 276,722
Inspection	-	-	-	-	-	-	-	4,808	$ 4,808
Crew time	-	-	-	-	-	-	-	2,857	$ 2,857
Project management	-	-	-	-	-	-	6,892	1,167	$ 8,059
Legal & other	-	-	-	-	-	-	-	3,075	$ 3,075
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ 42,714	$ 288,629	$ 331,342

Project description: Install 8" water main to create southern 590 zone loop

Rationale: Forming a new 520 zone is expected to improve fire flow and water quality within the new zone.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Install 12" water main to create transmission line (CIP 609)

Status: Projected

Location: 25th and 26th Ave NE, from NE 178th to NE 169th St

Funding Source: Rates

Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ -	$ -	$ 115,927	$ -	$ 115,927	$ 115,927
Construction	-	-	-	-	-	-	1,820,930	$ 1,820,930	$ 1,820,930
Inspection	-	-	-	-	-	-	18,494	18,494	18,494
Crew time	-	-	-	-	-	-	8,240	8,240	8,240
Project management	-	-	-	-	-	8,937	2,245	11,182	11,182
Legal & other	-	-	-	-	-	5,796	-	5,796	5,796
Total Costs	$ -	$ -	$ -	$ -	$ -	$ 130,661	$ 1,849,908	$ 1,980,569	$ 1,980,569

Project description: Create a new north south 520 zone transmisson main by replacing 4" and 6" water mains in the existing 502 zone and installing a new 12" water main, paralelling existing 6" main in the 590 zone piping to the south.

Rationale: Required for hydraulic needs and fire flow capacity.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Upgrade Supply Station 1 (CIP 610)

Status: Projected
Funding Source: Rates

Location: 16th Ave NE and NE 192nd St
Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ -	$ 16,883	$ -	$ -	$ 16,883	$ 16,883
Construction	-	-	-	-	-	57,964	-	$ 57,964	$ 57,964
Inspection	-	-	-	-	-	1,482	-	1,482	1,482
Crew time	-	-	-	-	-	792	-	792	792
Project management	-	-	-	-	3,186	1,079	-	4,265	4,265
Legal & other	-	-	-	-	2,814	-	-	2,814	2,814
Total Costs	$ -	$ -	$ -	$ -	$ 22,882	$ 61,317	$ -	$ 84,199	$ 84,199

Project description: Replace existing 6" water main with 12" water main.

Rationale: Localized piping improvements to minimize head-losses from SS-1 into distrubiton piping.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

NE 200th Street/25th Avenue NE (CIP 12)

Status: Projected
Funding Source: Rates

Locations: NE 200th Street/25th Avenue N
Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ -	$ 20,259	$ -	$ -	$ 20,259	$ 20,259
Construction	-	-	-	-	157,571	-	-	$ 157,571	$ 157,571
Inspection	-	-	-	-	11,399	-	-	11,399	11,399
Crew time	-	-	-	-	-	-	-	-	-
Project management	-	-	-	-	10,377	-	-	10,377	10,377
Legal & other	-	-	-	-	2,814	-	-	2,814	2,814
Total Costs	$ -	$ -	$ -	$ -	$ 202,420	$ -	$ -	$ 202,420	$ 202,420

Project description: Install approximately 300 feet of 12" mains from NE 199th to NE 200th Street and from 24th Ave to 25th Ave NE

Rationale: In addition to the 6" main, a new 12" main is required to meet fire flow velocity criteria. Relocate hydrant on 4" dead-end to 25th Avenue NE.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Shake Alert

Status: Projected
Funding Source: Rates

Locations: Districtwide
Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ 77,250	$ -	$ -	$ -	$ -	$ -	$ 77,250	$ 77,250
Construction	-	-	-	-	-	-	-	-	-
Inspection	-	633	-	-	-	-	-	633	633
Crew time	-	-	-	-	-	-	-	-	-
Project management	-	3,820	-	-	-	-	-	3,820	3,820
Legal & other	-	2,575	-	-	-	-	-	2,575	2,575
Total Costs	$ -	$ 84,278	$ -	$ -	$ -	$ -	$ -	$ 84,278	$ 84,278

Project description: Prepare, plan and develop policy for participating in Shakealert Earthquake Early Warning Pilot project. Apply for a pilot project application with the US Geologicval Survey and the Pacific Northwest Seismic Network. Enable Shakealert.

Rationale: To better prepare the District's critical assets for an earthquake disaster.

GL Code:
Other project names:

	Capital Plan - Project
	2019-2024 - Budget / Forecast
	Telemetry

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	2019-2024	2016-2024
Design	$ -	$ -	$ 5,305	$ -	$ -	$ -	$ -	$ 5,305	$ 5,305
Construction	-	72,100	20,000	-	-	-	-	92,100	92,100
Inspection	-	253	659	-	-	-	-	912	912
Crew time	-	564	587	-	-	-	-	1,151	1,151
Project management	-	2,437	1,576	-	-	-	-	4,013	4,013
Legal & other	-	2,575	-	-	-	-	-	2,575	2,575
Total Costs	$ -	$ 77,930	$ 28,126	$ -	$ -	$ -	$ -	$ 106,056	$ 106,056

Project description: Phase I-upgrade telemetry software in 2019. Phase II - add telemetry to two emergency supply stations with Mountlake Terrace in 2020.

Rationale: The District needs to continue to keep the software updated with the current technology. The District also needs to be sure that telemetry is available at all of the District assets.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Vactor Truck Replacement

Status:	Projected	Locations:	Districtwide
Funding Source:	Rates	Permits:	N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	-	-	-	597,026	597,026	597,026
Inspection	-	-	-	-	-	-	-	-	-
Crew time	-	-	-	-	-	-	-	-	-
Project management	-	-	-	-	-	-	-	-	-
Legal & other	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ 597,026	$ 597,026	$ 597,026

Project description: Replace District Vactor Truck every 7 years

Rationale: The existing vactor truck will have been fully depreciated and will have the the highest resale value.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Ongoing Capital Maintenance of Administration Building

Status: Projected
Funding Source: Rates

Locations: 1519 NE 177th Street, Shorelin
Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	51,500	-	-	-	-	59,703	111,203	111,203
Inspection	-	633	-	-	-	-	771	1,404	1,404
Crew time	-	-	-	-	-	-	-	-	-
Project management	-	922	-	-	-	-	1,122	2,045	2,045
Legal & other	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ 53,056	$ -	$ -	$ -	$ -	$ 61,596	$ 114,651	$ 114,651

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

Rationale: Regular routine maintenance is important for extending the life of the Districts capital assets.

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Meter and Service Replacement

Status: Projected
Funding Source: Rates

Locations: Various
Permits: ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Materials	$ -	$ 51,000	$ 51,000	$ 51,000	$ 51,000	$ 51,000	$ 51,000	$ 306,000	$ 306,000
District Labor	-	34,993	20,842	15,761	16,229	16,715	17,221	121,760	121,760
Total Costs	$ -	$ 85,993	$ 71,842	$ 66,761	$ 67,229	$ 67,715	$ 68,221	$ 427,760	$ 427,760

Project description: The replacement of smaller capital infrastructure, such as meters and services, is an on-going capital cost for the District. Maintenance projects that potentially increase the life of exisiting infrastructure are also classified as capital costs.

Rationale: Repair and replacement of infrastructure 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

2019-2024 - Budget / Forecast

Hydrant Replacement

Status: On-going
Funding Source: Rates

Locations: Various
Permits:

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Materials	$ -	$ 32,208	$ 32,988	$ 33,792	$ 34,619	$ 35,472	$ 36,349	$ 205,429	$ 205,429
District Labor	-	6,208	6,208	6,208	6,208	6,208	6,208	37,250	37,250
Total Costs	$ -	$ 38,417	$ 39,197	$ 40,000	$ 40,828	$ 41,680	$ 42,558	$ 242,679	$ 242,679

Project description: The replacement of smaller capital infrastructure, such as hydrants, is an on-going capital cost for the District. Maintenance projects that potentially increase the life of exisiting infrastructure are also classified as capital costs.

Rationale: Repair and replacement of infrastructure 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

2019-2024 - Budget / Forecast

Valve Replacement

Status: On-going
Funding Source: Rates

Locations: Various
Permits:

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Air Valves - Materials and Labor	$ -	$ 10,000	$ 10,300	$ 10,609	$ 10,927	$ 11,255	$ 11,593	$ 64,684	$ 64,684
Valves - Materials	-	7,000	7,210	7,426	7,649	7,879	8,115	45,279	45,279
Valves - District Labor	-	7,337	7,631	7,936	8,253	8,583	8,927	48,667	48,667
Total Costs	$ -	$ 24,337	$ 25,141	$ 25,971	$ 26,830	$ 27,717	$ 28,634	$ 158,630	$ 158,630

Project description: The replacement of smaller capital infrastructure, such as valves, is an on-going capital cost for the District. Maintenance projects that potentially increase the life of exisiting infrastructure are also classified as capital costs.

Rationale: Repair and replacement of infrastructure 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

2019-2024 - Budget / Forecast

Technology Additions & Replacement

Status: On-going
Funding Source: Rates

Locations: Various
Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Technology Additions & Replc.	$ -	$ 28,690	$ 15,815	$ 11,595	$ 20,250	$ 17,785	$ 26,190	$ 120,325	$ 120,325
Total Costs	$ -	$ 28,690	$ 15,815	$ 11,595	$ 20,250	$ 17,785	$ 26,190	$ 120,325	$ 120,325

Project description: The replacement of smaller capital infrastructure, such as 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 equipment assures the District will continue to provide a consistent level of of high-level service to its customers.

GL Code:
Other project names:

North City WATER DISTRICT

Capital Plan - Project

2019-2024 - Budget / Forecast

Tools, Equipment and Furniture

Status: On-going
Funding Source: Rates

Locations: Various
Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Tools, Equipment and Furniture	$ -	$ 57,000	$ 157,360	$ 12,731	$ 13,113	$ 13,506	$ 13,911	$ 267,621	$ 267,621
Total Costs	$ -	$ 57,000	$ 157,360	$ 12,731	$ 13,113	$ 13,506	$ 13,911	$ 267,621	$ 267,621

Project description: The replacement of smaller capital infrastructure, such astools, equipment, and furniture, 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. Specific replacement projects include (1) bagging station at North City/Denny Clouse Pump Station in 2019, (2) Upgrading alarm system at the Administration building and installing new alarm at NC/DC PS in 2020, (3) new cameras for admin and NC/DC PS site in

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

GL Code:
Other project names:

Capital Plan - Project

2019-2024 - Budget / Forecast

Misc. Engineering Reports and Upgrade Hydraulic Model

Status: Projected
Funding Source: Rates

Locations: District wide
Permits: N/A

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2019-2024	2016-2024
Design	$ -	$ 31,200	$ 27,040	$ 84,365	$ -	$ -	$ 119,405	$ 262,010	$ 262,010
Construction	-	-	-	-	-	-	-	-	-
Inspection	-	-	-	-	-	-	1,541	1,541	1,541
Crew time	-	564	2,348	-	-	-	2,747	5,659	5,659
Project management	-	2,344	3,013	12,535	-	-	5,096	22,988	22,988
Legal & other	-	-	-	-	-	-	-	-	-
Total Costs	$ -	$ 34,108	$ 32,401	$ 96,899	$ -	$ -	$ 128,789	$ 292,198	$ 292,198

Project description: Upgrade Conservation Plan, Cross Connection Control Plan, Hazard Mitigation, Emergency Response and Hazard Vulnerability Plans as required

Rationale: The DOH Operating Permit requir3s the District meet certain crite4ria at the state level. Perioadically, updates may be required.

GL Code:
Other project names:

Capital Plan - Project

2019-2030 - Budget / Forecast

Ongoing Water Main Replacement/Upgrade Projects

Status:	Projected	Locations:	Various
Funding Source:	Rates	Permits:	ROW

Project Elements	2016-2018	2019	2020	2021	2022	2023	2024	2025-2030	2019-2030	2016-2030
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,955,328	$ 7,955,328	$ 7,955,328
Land purchases	-							1,327,817	1,327,817	1,327,817
Booster Station Upgrade	-							10,751,331	10,751,331	10,751,331
Inspection	-				-	-	-	85,051	85,051	85,051
Crew time	-				-	-	-	75,790	75,790	75,790
Project management	-				-	-	-	125,125	125,125	125,125
Legal & other	-				-	-	-	41,222	41,222	41,222
Total Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,361,665	$ 20,361,665	$ 20,361,665

Annual Average 2025-2030 -> ***$ 3,393,611***

Project description: This is an ongoing program to fund capital improvements to the District's water main which are needed to improve fire flow and water quality issues that have not yet been determined. More specific scope will occur as part of the District's hydraulic modeling effort in 2017.

Rationale: Annual capital improvement funding will be approximately $7250,000 (in 2016 dollars). More specific scheduling of multiple misc projects will occur as part of hydraulic modeling effort in 2017.

GL Code:
Other project names:

North City
WATER DISTRICT

Vehicle Replacement Plan

North City WATER DISTRICT

Vehicle Replacement Plan

2019-2020 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2019	2020	2021	2022	2023	2024	TOTAL
Unit # 25 2018 -Forklift	2019	15	2019	30,000	-	-	-	-	-	$ 30,000
Unit # 2 2010 F-150 P/U	2010	7	2018	-	-	-	-	-	-	$ -
Unit # 3 2010 F-150 P/U	2010	7	2018	-	-	-	-	-	-	$ -
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	2019	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				$ 65,000	$ 35,000	$ 210,000	$ 157,000	$ 133,200	$ -	$ 600,200

Vehicle Replacement Acct

Vehicle Replacement Acct	2019	2020	2021	2022	2023	2024	Total
BEGINNING BALANCE	$ 309,905	$ 336,194	$ 389,964	$ 264,438	$ 189,109	$ 135,535	$ 309,905
Sources:							
Net Interest Earnings	7,748	8,405	11,699	9,255	6,619	4,744	$ 48,469
Revenue from Surplus Sales	12,522	4,841	29,917	23,038	20,132	-	$ 90,450
Transfer from Operating Revenues	79,000	81,000	83,000	85,000	88,000	91,000	$ 507,000
Total Sources	$ 409,175	$ 430,440	$ 514,580	$ 381,730	$ 303,859	$ 231,279	$ 955,824
Uses:							
Unit # 25 2018 Forklift	(33,683)	-	-	-	-	-	$ (33,683)
Unit # 2 2010 F-150 P/U	-	-	-	-	-	-	$ -
Unit # 3 2010 F-150 P/U	-	-	-	-	-	-	$ -
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	(39,297)	-	-	-	-	-	$ (39,297)
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	$ (72,981)	$ (40,476)	$ (250,142)	$ (192,622)	$ (168,324)	$ -	$ (724,545)
ENDING BALANCE	$ 336,194	$ 389,964	$ 264,438	$ 189,109	$ 135,535	$ 231,279	$ 231,279

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.

North City WATER DISTRICT

Vehicle Replacement Plan

2019-2020 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2025	2026	2027	2028	2029	2030	TOTAL
Unit # 25 2018 -Forklift	2019	15	2019	-	-	-	-	-	-	$ -
Unit # 2 2010 F-150 P/U	2010	7	2018	30,000	-	-	-	-	-	$ 30,000
Unit # 3 2010 F-150 P/U	2010	7	2018	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	2019	-	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	$ 35,000	$ 35,000	$ 201,000	$ 65,000	$ -	$ 396,000

Vehicle Replacement Account	2025	2026	2027	2028	2029	2030	Total
BEGINNING BALANCE	$ 231,279	$ 262,555	$ 326,194	$ 393,784	$ 251,325	$ 279,772	$ 231,279
Sources:							
Net Interest Earnings	8,095	9,189	11,417	13,782	8,796	9,792	$ 61,072
Revenue from Surplus Sales	9,621	5,780	5,954	35,217	11,730	-	$ 68,302
Transfer from Operating Revenues	94,000	97,000	100,000	103,000	106,000	109,000	$ 609,000
Total Sources	$ 342,994	$ 374,525	$ 443,565	$ 545,784	$ 377,852	$ 398,564	$ 969,653
Uses:							
Unit # 25 2018 Forklift	-	-	-	-	-	-	$ -
Unit # 2 2010 F-150 P/U	(40,220)	-	-	-	-	-	$ (40,220)
Unit # 3 2010 F-150 P/U	(40,220)	-	-	-	-	-	$ (40,220)
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	-	(48,331)	-	-	-	-	$ (48,331)
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	$ (80,439)	$ (48,331)	$ (49,781)	$ (294,459)	$ (98,080)	$ -	$ (571,089)
ENDING BALANCE	$ 262,555	$ 326,194	$ 393,784	$ 251,325	$ 279,772	$ 398,564	$ 398,564

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.

North City WATER DISTRICT

Debt Service

North City WATER DISTRICT

Debt Service Schedule

2019-2020 - Budget

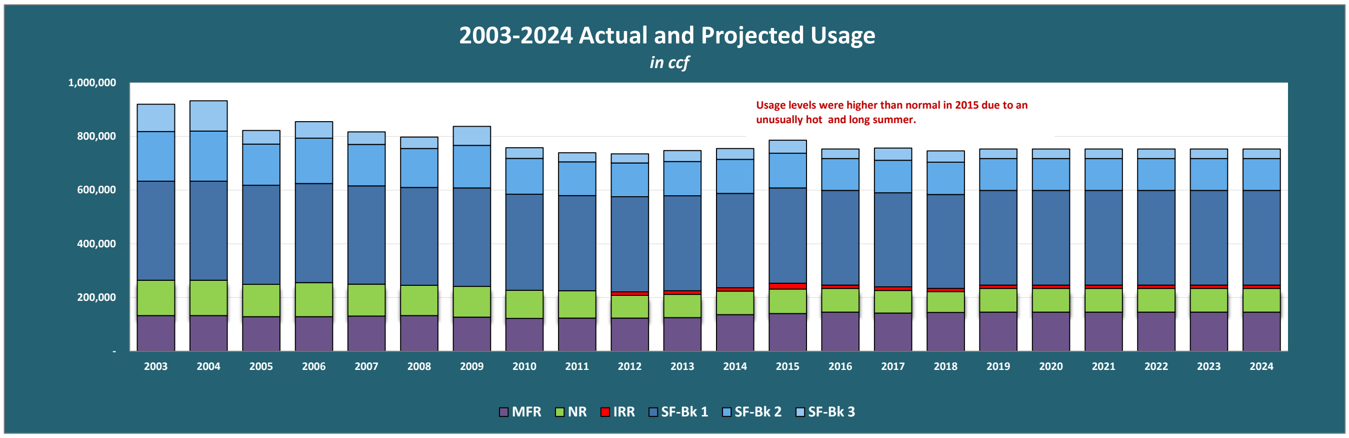
Year	2011 Revenue Bond $9,865,000 Principal	Interest	PWTF Loan Prin & Int	DWSRF Loan $ 4,033,931 Est. Prin & Int	2016 Revenue Bond $7,685,000 Principal	Interest	COMBINED DEBT SERVICE	CAPITALIZED INTEREST	NET DEBT SERVICE
2012	$ 480,000	$ 201,014	$ 84,692				$ 765,706		$ 765,706
2013	510,000	256,448	83,536				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	(153,000)	646,740
2017	555,000	214,548		329,476	-	256,167	1,355,190	(120,000)	1,235,190
2018	565,000	203,448		258,377	-	307,400	1,334,225	(200,000)	1,134,225
2019	580,000	192,148		255,352	-	307,400	1,334,900	(200,000)	1,134,900
2020	395,000	179,098		252,326	-	307,400	1,133,824		1,133,824
2021	405,000	169,223		249,301	-	307,400	1,130,924		1,130,924
2022	415,000	159,098		246,275	-	307,400	1,127,773		1,127,773
2023	430,000	147,685		243,250	-	307,400	1,128,335		1,128,335
2024	440,000	134,785		240,224	-	307,400	1,122,409		1,122,409
2025	455,000	121,585		237,199	-	307,400	1,121,184		1,121,184
2026	465,000	107,935		234,174	-	307,400	1,114,509		1,114,509
2027	480,000	93,985		231,148	-	307,400	1,112,533		1,112,533
2028	500,000	77,185		228,123	-	307,400	1,112,708		1,112,708
2029	515,000	58,435		225,097	-	307,400	1,105,932		1,105,932
2030	535,000	40,925		222,072	-	307,400	1,105,397		1,105,397
2031	555,000	22,200		219,046	-	307,400	1,103,646		1,103,646
2032				216,021	385,000	307,400	908,421		908,421
2033				212,995	400,000	292,000	904,995		904,995
2034				209,970	415,000	276,000	900,970		900,970
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	$ 4,740,448	$ 7,685,000	$ 7,242,967	$32,838,863	$ (1,093,618)	$ 31,745,245

North City WATER DISTRICT

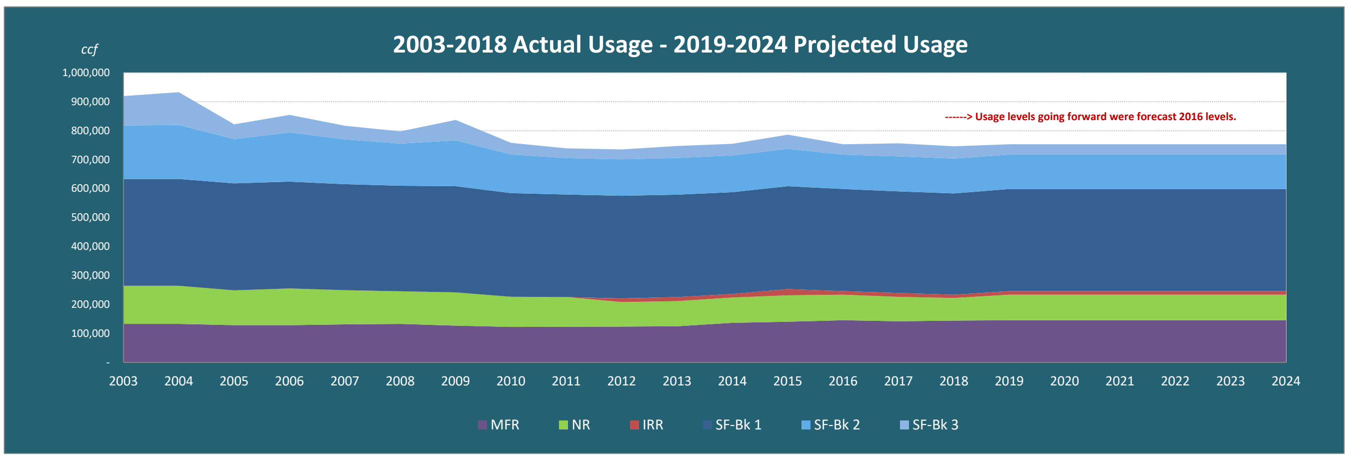
Revenues

Usage History with Forecast - 2003-2024

2019-2020 - 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	11,153	12,534	12,534	12,534	12,534	12,534	12,534
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	78,223	88,183	88,183	88,183	88,183	88,183	88,183
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	145,654	142,194	144,366	145,654	145,654	145,654	145,654	145,654	145,654
SF-Bk 3	101,810	113,220	50,760	60,901	47,186	42,603	70,507	39,733	33,782	34,190	41,167	39,981	48,436	35,600	45,453	42,345	35,600	35,600	35,600	35,600	35,600	35,600
SF-Bk 2	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	118,745	120,951	120,349	118,745	118,745	118,745	118,745	118,745	118,745
SF-Bk 1	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	352,530	350,686	349,792	352,530	352,530	352,530	352,530	352,530	352,530
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	786,050	753,246	756,651	746,228	753,246	753,246	753,246	753,246	753,246	753,246



Both of the graphs shown above show the actual water usage by class, and by block within the Single Family class, from 2003 through 2018. After 2018, the usage is projected to remain at approximately the 2016 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 unsually 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. 2016 was a wet summer and the usage fell below the levels in 2013-2014. Usage in 2017 and 2018 are above the projected levels, but given the volitility in weather patterns in recent years, the 2016 usage will be used going forward.

Revenue Requirement Increases

2019-2020 - Budget

Projected Costs (Needs/Uses):	2019	2020	Combined
Purchased Water:	$ 1,512,000	$ 1,601,000	$ 3,113,000
Salaries and Benefits (net capitalization)	1,709,207	1,760,439	3,469,646
Administration and O&M	948,450	990,350	1,938,800
Taxes	365,048	379,627	744,675
Franchise Fees	395,606	411,444	807,051
Debt Service	1,134,900	933,824	2,068,724
Capital Transfer	1,100,000	1,200,000	2,300,000
CIC Transfer	274,600	285,584	560,184
Vechicle Replacement Contribution	79,000	81,000	160,000
Transfer to Perservation Account	50,000	50,000	100,000
Additions to (Use of) Reserves	(60,781)	110,173	49,392
Total Projected Costs (Needs/Uses)	7,508,030	7,803,442	15,311,472
Less Interest Earnings	(32,636)	(31,116)	(63,752)
Less Other Revenue *(Late Fees, Rents, Hookups)*	(486,350)	(503,477)	(989,827)
Rate Revenues Required *(Revenue Requirement)*	$ 6,989,045	$ 7,268,849	$ 14,257,894
Less Revenues at Existing Rates	(6,720,235)	(6,989,045)	(13,709,280)
Revenue Short Fall	$ 268,809	$ 279,805	$ 548,614
% Rate Revenue Increase Needed	4.00%	4.00%	8.16%

Summary of Service & Other Revenue

2019 - Budget

	Base & Usage Revenue	CIC Revenue	ERU Revenue	Franchise Fee Revenue	Total Revenue
Base Revenue - *2019 stats at 2018 Rates*					
SERVICE REVENUE					
SINGLE FAMILY	$ 4,143,820	$ 150,067	$ 194,046	$ 271,297	$ 4,759,230
MULTI - FAMILY	813,621	57,669	74,548	55,722	1,001,559
TOTAL NON-RESIDENTIAL	-	-	-	-	-
Commercial	356,424	29,794	38,438	25,046	449,701
Municipal	54,518	16,471	21,231	5,545	97,766
Wholesale	154,648	9,475	12,214	9,793	186,130
TOTAL NON-RESIDENTIAL	565,590	55,740	71,883	40,384	733,597
IRRIGATION	128,959	564	-	7,968	137,491
FIRELINES	83,339	-	-	5,019	88,358
TOTAL SERVICE REVENUE	5,735,329	264,039	340,477	380,391	6,720,235
OTHER REVENUE	518,986				518,986
Total Base Revenue	$ 6,254,315	$ 264,039	$ 340,477	$ 380,391	$ 7,239,221
Revenue Increase Needed					
SERVICE REVENUE					
SINGLE FAMILY	$ 165,753	$ 6,003	$ 7,762	$ 10,852	$ 190,369
MULTI - FAMILY	32,545	2,307	2,982	2,229	40,062
NON-RESIDENTIAL					
Commercial	*14,257*	*1,192*	*1,538*	*1,002*	17,988
Municipal	*2,181*	*659*	*849*	*222*	3,911
Wholesale	*6,186*	*379*	*489*	*392*	7,445
TOTAL NON-RESIDENTIAL	22,624	2,230	2,875	1,615	29,344
IRRIGATION	5,158	23	-	319	5,500
FIRELINES	3,334	-	-	201	3,534
TOTAL SERVICE REVENUE	229,413	10,562	13,619	15,216	268,809
TOTAL OTHER REVENUE	-	-	-	-	-
Total Revenue Increase	$ 229,413	$ 10,562	$ 13,619	$ 15,216	$ 268,809
Total Revenue - 2019					
SERVICE REVENUE					
SINGLE FAMILY	$ 4,309,572	$ 156,069	$ 201,808	$ 282,149	$ 4,949,599
MULTI - FAMILY	846,166	59,975	77,530	57,951	1,041,622
NON-RESIDENTIAL					
Commercial	*370,681*	*30,985*	*39,976*	*26,047*	467,689
Municipal	*56,699*	*17,130*	*22,081*	*5,767*	101,677
Wholesale	*160,834*	*9,854*	*12,702*	*10,185*	193,575
TOTAL NON-RESIDENTIAL	588,214	57,969	74,758	42,000	762,941
IRRIGATION	134,117	586	-	8,287	142,990
FIRELINES	86,673	-	-	5,219	91,892
TOTAL SERVICE REVENUE	5,964,742	274,600	354,096	395,606	6,989,045
TOTAL OTHER REVENUE	518,986				518,986
Total Revenue - 2019	*$ 6,483,728*	*$ 274,600*	*$ 354,096*	*$ 395,606*	*$ 7,508,030*

Summary of Service & Other Revenue

2020 - Budget

	Base & Usage Revenue	CIC Revenue	ERU Revenue	Franchise Fee Revenue	Total Revenue
Base Revenue - *2018 stats at 2017 Rates*					
SERVICE REVENUE					
SINGLE FAMILY	$ 4,309,572	$ 156,069	$ 201,808	$ 282,149	$ 4,949,599
MULTI - FAMILY	846,166	59,975	77,530	57,951	1,041,622
TOTAL NON-RESIDENTIAL	-	-	-	-	-
Commercial	370,681	30,985	39,976	26,047	467,689
Municipal	56,699	17,130	22,081	5,767	101,677
Wholesale	160,834	9,854	12,702	10,185	193,575
TOTAL NON-RESIDENTIAL	588,214	57,969	74,758	42,000	762,941
IRRIGATION	134,117	586	-	8,287	142,990
FIRELINES	86,673	-	-	5,219	91,892
TOTAL SERVICE REVENUE	5,964,742	274,600	354,096	395,606	6,989,045
OTHER REVENUE	518,986				518,986
Total Base Revenue	$ 6,483,728	$ 274,600	$ 354,096	$ 395,606	$ 7,508,030
Revenue Increase Needed					
SERVICE REVENUE					
SINGLE FAMILY	$ 172,612	$ 6,243	$ 8,072	$ 11,296	$ 198,223
MULTI - FAMILY	33,847	2,399	3,101	2,320	41,667
NON-RESIDENTIAL					
Commercial	*14,827*	*1,239*	*1,599*	*1,043*	18,708
Municipal	*2,268*	*685*	*883*	*231*	4,067
Wholesale	*6,433*	*394*	*508*	*408*	7,743
TOTAL NON-RESIDENTIAL	23,529	2,319	2,990	1,681	30,519
IRRIGATION	5,365	23	-	332	5,720
FIRELINES	3,467	-	-	209	3,676
TOTAL SERVICE REVENUE	238,819	10,984	14,164	15,838	279,805
TOTAL OTHER REVENUE	15,607	-	-	-	15,607
Total Revenue Increase	$ 254,426	$ 10,984	$ 14,164	$ 15,838	$ 295,411
Total Revenue - 2020					
SERVICE REVENUE					
SINGLE FAMILY	$ 4,482,184	$ 162,312	$ 209,880	$ 293,445	$ 5,147,822
MULTI - FAMILY	880,012	62,374	80,631	60,271	1,083,289
NON-RESIDENTIAL					
Commercial	*385,508*	32,225	41,575	27,090	486,398
Municipal	*58,967*	17,815	22,964	5,998	105,744
Wholesale	*167,267*	10,248	13,210	10,593	201,318
TOTAL NON-RESIDENTIAL	611,742	60,288	77,749	43,681	793,460
IRRIGATION	139,482	610	-	8,619	148,710
FIRELINES	90,140	-	-	5,428	95,568
TOTAL SERVICE REVENUE	6,203,561	285,584	368,260	411,444	7,268,849
TOTAL OTHER REVENUE	534,593				534,593
Total Revenue - 2020	*$ 6,738,153*	*$ 285,584*	*$ 368,260*	*$ 411,444*	*$ 7,803,442*

Rates

Water Rates & Charges

2019 - Budget

	Meter Size		Base Rate	Water Usage Charge			CIC & ERU	
Rate Code	**Single Family Residential or Open Air Condominium** *BI-MONTHLY*			Usage 0 to 10 CCF	Usage 11 to 24 CCF	Usage 25 and > CCF	CIC per Dwelling	ERU per Dwelling
158	**5/8 / 3/4**		**$ 51.47**	**$ 3.12**	**$ 4.79**	**$ 6.45**	**$ 3.46**	**$ 4.47**
101	1"		**98.55**	3.12	4.79	6.45	**$ 3.46**	**$ 4.47**
115	1 ½"		**173.85**	3.12	4.79	6.45	**$ 3.46**	**$ 4.47**
102	2"		**271.54**	3.12	4.79	6.45	**$ 3.46**	**$ 4.47**
Rate Code	**1" Flow-Through Residential Meters (domestic and fire protection)** Billed Bi-Monthly			Usage 0 to 10 CCF	Usage 11 to 24 CCF	Usage 25 > CCF		
159	1"		**$ 51.47**	$ 3.12	$ 4.79	$ 6.45		
Rate Code	**Multifamily Residential** *BI-MONTHLY*			Usage Threshold	Water Use Charge		CIC per ERU	ERU by Sq Ft
558	5/8 / 3/4		**$ 51.47**	0 and > CCF	$ 3.82		**$ 3.46**	**$ 4.47**
501/521	1"		**98.55**	0 and > CCF	3.82		**$ 3.46**	**$ 4.47**
515/525	1 ½"		**173.85**	0 and > CCF	3.82		**$ 3.46**	**$ 4.47**
502/522	2"		**271.54**	0 and > CCF	3.82		**$ 3.46**	**$ 4.47**
503/523	3"		**593.34**	0 and > CCF	3.82		**$ 3.46**	**$ 4.47**
Rate Code	Number of Dwellings **Multifamily Residential** *BI-MONTHLY*/MONTHLY			Usage Threshold	Water Use Charge		CIC per ERU	ERU by Sq Ft
504/524	4"	***882.92***	**441.46**	0 and > CCF	$ 3.82		**$ 3.46**	**$ 4.47**
506/526	6"	***1,671.47***	**835.74**	0 and > CCF	3.82		**$ 3.46**	**$ 4.47**
Rate Code	**Non Residential - Commercial** *BI-MONTHLY*			Usage Threshold	Water Use Charge		CIC per ERU	ERU by Sq Ft
458	5/8 / 3/4		**$ 51.47**	0 and > CCF	$ 4.53		**$ 3.46**	**$ 4.47**
401	1"		**98.55**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
415	1 ½"		**173.85**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
402	2"		**271.54**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
403	3"		**593.34**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
404	4"		**882.92**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
406	6"		**1,671.47**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
408	8"		**2,612.98**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
Rate Code	**Non Residential - Municipal** *BI-MONTHLY*/MONTHLY			Usage Threshold	Water Use Charge		CIC per ERU	ERU by Sq Ft
118	5/8 / 3/4	***51.47***	**$ 25.74**	0 and > CCF	$ 4.53		**$ 3.46**	**$ 4.47**
111	1"	***98.55***	**49.28**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
119	1 ½"	***173.85***	**86.93**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
112	2"	***271.54***	**135.77**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
113	3"	***593.34***	**296.67**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
114	4"	***882.92***	**441.46**	0 and > CCF	4.53		**$ 3.46**	**$ 4.47**
Rate Code	**Non Residential - Wholesale** *BI-MONTHLY*/MONTHLY			Usage Threshold	Water Use Charge	**Rate Code**	CIC per ERU	ERU by Sq Ft
626	6"	***$ 1,671.47***	**835.74**	0 and > CCF	4.53	**606**	**$ 3.46**	**$ 4.47**
628	8"	***$ 2,612.98***	**1,306.49**	0 and > CCF	4.53	**608**	**$ 3.46**	**$ 4.47**
Rate Code	**LIFE SAVING MEDICAL TREATMENT** Single Family Residential or Open Air Condominium *BI-MONTHLY*			Usage 0-10 CCF	Usage 11-24 CCF	Usage 25 and > CCF	CIC per dwelling	ERU per Dwelling
358	5/8 / 3/4		**$ 51.47**	$ 3.12	$ 4.79	$ 6.45	**$ 3.46**	**$ 4.47**
301	1"		**98.55**	3.12	4.79	6.45	**$ 3.46**	**$ 4.47**
315	1 ½"		**173.85**	3.12	4.79	6.45	**$ 3.46**	**$ 4.47**
302	2"		**271.54**	3.12	4.79	6.45	**$ 3.46**	**$ 4.47**
Rate Code	**Fire Sprinkler Service** *BI-MONTHLY*/MONTHLY							
F10	1.0"	***$ 27.98***	**$ 13.99**					
F15	1.5"	***32.74***	**16.37**					
F20	2"	***45.76***	**22.88**					
F30	3"	***141.76***	**70.88**					
F40	4"	***177.32***	**88.66**					
F60	6"	***260.28***	**130.14**					
F80	8"	***355.08***	**177.54**					
Rate Code	**Irrigation** *BI-MONTHLY*/MONTHLY			Usage Threshold	Water Use Charge		CIC per ERU	
258/258	5/8 / 3/4	***$ 72.04***	**$ 36.02**	0 and > CCF	$ 6.45		**$ 3.46**	
211/211	1"	***150.04***	**75.02**	0 and > CCF	6.45		**$ 3.46**	
215/215	1 ½"	***276.76***	**138.38**	0 and > CCF	6.45		**$ 3.46**	
202/202	2"	***436.22***	**218.11**	0 and > CCF	6.45		**$ 3.46**	
203/203	3"	***922.70***	**461.35**	0 and > CCF	6.45		**$ 3.46**	
204/204	4"	***1,397.54***	**698.77**	0 and > CCF	6.45		**$ 3.46**	
206/206	6"	***2,700.72***	**1,350.36**	0 and > CCF	6.45		**$ 3.46**	
208/208	8"	***4,259.78***	**2,129.89**	0 and > CCF	6.45		**$ 3.46**	

There is a 6% City Franchise Fee added to the customers total billing.

North City WATER DISTRICT

Water Rates & Charges

2020 - Budget

Subject to a Cost-of-Service Rate Study to be conducted in 2019

	Meter Size		Base Rate	Water Usage Charge			CIC & ERU	
Rate Code	**Single Family Residential or Open Air Condominium** *BI-MONTHLY*			Usage 0 to 10 CCF	Usage 11 to 24 CCF	Usage 25 and > CCF	CIC per Dwelling	ERU per Dwelling
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 to 10 CCF	Usage 11 to 24 CCF	Usage 25 > CCF		
159	1"			$ -	$	-		
Rate Code	**Multifamily Residential** *BI-MONTHLY*			Usage Threshold	Water Use Charge		CIC per ERU	ERU by Sq Ft
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	Number of Dwellings **Multifamily Residential** *BI-MONTHLY*/MONTHLY			Usage Threshold	Water Use Charge		CIC per ERU	ERU by Sq Ft
504/524	4"	[illegible]	**424.48**	0 and > CCF	$ -			
506/526	6"	***1,607.18***	**803.59**	0 and > CCF	-			
Rate Code	**Non Residential - Commercial** *BI-MONTHLY*			Usage Threshold	Water Use Charge		CIC per ERU	ERU by Sq Ft
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	8"			0 and > CCF				
Rate Code	**Non Residential - Municipal** *BI-MONTHLY*/MONTHLY			Usage Threshold	Water Use Charge		CIC per ERU	ERU by Sq Ft
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 Residential - Wholesale** *BI-MONTHLY*/MONTHLY			Usage Threshold	Water Use Charge	**Rate Code**	CIC per ERU	ERU by Sq Ft
626	6"			0 and > CCF	-	**606**		
628	8"			0 and > CCF	-	**608**		
Rate Code	**LIFE SAVING MEDICAL TREATMENT** Single Family Residential or Open Air Condominium *BI-MONTHLY*			Usage 0-10 CCF	Usage 11-24 CCF	Usage 25 and > CCF	CIC per dwelling	ERU per Dwelling
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		CIC per ERU	
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				

There is a 6% City Franchise Fee added to the customers total billing.

Bi-Monthly Bill Comparisons

2019 - 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
2018							
WD 119	$ 84.00	$ 32.98	$ 116.98	$ 84.00	$ 105.51	$ 189.51	$ 141.16
Seattle Public Utilities-Shoreline & LFP	$ 39.10	$ 69.41	$ 108.51	$ 39.10	$ 164.79	$ 203.89	$ 140.30
City of Duvall	$ 54.36	$ 54.98	$ 109.34	$ 54.36	$ 133.28	$ 187.64	$ 135.44
City of Kirkland	$ 46.17	$ 49.80	$ 95.96	$ 46.17	$ 113.56	$ 159.73	$ 117.22
Lake Forest Park Water District	$ 72.08	$ 34.98	$ 107.06	$ 72.08	$ 63.60	$ 135.68	$ 116.60
Seattle Public Utilities-inside Seattle	$ 32.20	$ 57.20	$ 89.40	$ 32.20	$ 135.92	$ 168.12	$ 115.64
City of Bellevue	$ 51.21	$ 44.20	$ 95.42	$ 51.21	$ 94.91	$ 146.13	$ 112.32
North City Water District	$ 60.55	$ 36.69	$ 97.24	$ 60.55	$ 80.70	$ 141.25	$ 111.91
Woodinville Water District	$ 42.60	$ 44.37	$ 86.97	$ 42.60	$ 110.70	$ 153.30	$ 109.08
Skyway Water & Sewer District	$ 38.48	$ 50.39	$ 88.87	$ 38.48	$ 110.36	$ 148.84	$ 108.86
City of Mercer Island	$ 35.13	$ 48.74	$ 83.87	$ 35.13	$ 112.21	$ 147.34	$ 105.03
Coal Creek	$ 43.05	$ 40.11	$ 83.16	$ 43.05	$ 81.60	$ 124.65	$ 96.99
Northshore Utility District	$ 32.01	$ 42.24	$ 74.25	$ 32.01	$ 83.74	$ 115.75	$ 88.09
Sammamish Plateau	$ 59.50	$ 21.45	$ 80.95	$ 59.50	$ 42.78	$ 102.28	$ 88.06
Highline Water District	$ 30.30	$ 41.03	$ 71.33	$ 30.30	$ 84.95	$ 115.25	$ 85.97
WD 90	$ 52.30	$ 18.60	$ 70.90	$ 52.30	$ 60.00	$ 112.30	$ 84.70
City of Renton	$ 35.20	$ 34.05	$ 69.25	$ 35.20	$ 72.75	$ 107.95	$ 82.15
City of Bothell	$ 28.62	$ 32.23	$ 60.85	$ 28.62	$ 69.40	$ 98.02	$ 73.24
Olympic View Water & Sewer District	$ 39.20	$ 23.21	$ 62.41	$ 39.20	$ 47.20	$ 86.40	$ 70.41
2019							
Seattle Public Utilities-Shoreline & LFP	$ 41.60	$ 70.29	$ 111.89	$ 41.60	$ 166.85	$ 208.45	$ 144.08
City of Kirkland	$ 47.55	$ 51.33	$ 98.88	$ 47.55	$ 116.99	$ 164.54	$ 120.76
Seattle Public Utilities-Inside Seattle	$ 34.30	$ 57.97	$ 92.27	$ 34.30	$ 137.62	$ 171.92	$ 118.82
City of Bellevue	$ 53.11	$ 45.84	$ 98.95	$ 53.11	$ 98.42	$ 151.53	$ 116.48
North City Water District	$ 62.96	$ 38.16	$ 101.12	$ 62.96	$ 83.93	$ 146.89	$ 116.38
Woodinville Water District	$ 43.80	$ 45.64	$ 89.44	$ 43.80	$ 113.91	$ 157.71	$ 112.20

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

	2018 Bi-Monthly Bill 11 CCF	2018 Bi-Monthly Bill 20 CCF	2019 Bi-Monthly Bill 11 CCF	2019 Bi-Monthly Bill 20 CCF
Base Charge				
Base Rate 5/8"	$ 49.49	$ 49.49	$ 51.47	$ 51.47
Fire Protection per 1 ERU	$ 4.30	$ 4.30	$ 4.47	$ 4.47
Capital Improvement Charge PER ERU	$ 3.33	$ 3.33	$ 3.46	$ 3.46
Franchise Fee (6% FF)	$ 3.43	$ 3.43	$ 3.56	$ 3.56
Total Base Charge	$ 60.55	$ 60.55	$ 62.96	$ 62.96
Consumption Charge *(including 6% FF)*	$ 36.69	$ 80.70	$ 38.16	$ 83.93
Total Bi-Monthly Beill	$ 97.24	$ 141.25	$ 101.12	$ 146.89

Consumption Rates	2018	2018 w FF	2019	2019 w FF
Block 1 = 0-10 ccf	*$ 3.00*	*$ 3.18*	*$ 3.12*	*$ 3.31*
Block 2 = 11- 24 ccf	*$ 4.61*	*$ 4.89*	*$ 4.79*	*$ 5.08*
Block 3 = over 25 ccf	*$ 6.20*	*$ 6.57*	*$ 6.45*	*$ 6.84*

Forecasts

Cash Flow Forecast

2019-2030 Forecast

North City Water District

OPERATING ACCOUNT	2018	2019	2020	2021	2022	2023	2024	2025-2030	2019-2030
Sources:									
BEGINNING BALANCE	$ 1,274,641	$ 1,305,426	$ 1,244,645	$ 1,354,818	$ 1,171,502	$ 1,170,391	$ 1,147,851	$ 1,110,977	$ 1,305,426
Rate Revenue Increase	*0.0%*	*4.0%*	*4.0%*	*4.0%*	*4.5%*	*4.5%*	*4.5%*		
REVENUE									
Net Interest Earnings	38,535	32,636	31,116	40,645	41,003	40,964	40,175	307,027	533,564
Fixed and Usage Service Revenue	6,693,558	6,989,045	7,268,849	7,595,947	7,937,765	8,294,964	8,668,238	60,328,851	107,083,659
Total Other Revenues	493,109	486,350	503,477	522,271	541,800	562,093	583,180	3,976,378	7,175,549
TOTAL REVENUE	7,225,202	7,508,030	7,803,442	8,158,863	8,520,568	8,898,021	9,291,593	64,305,229	114,259,208
Total Sources	$ 8,499,843	$ 8,813,456	$ 9,079,203	$ 9,554,325	$ 9,733,072	$10,109,376	$10,479,618	$65,723,233	$ 116,098,198
Uses:									
OPERATING COSTS									
Total Admin/Planning/Cust Service/Taxes	$ 2,226,763	$ 2,331,610	$ 2,423,836	$ 2,519,078	$ 2,618,078	$ 2,720,987	$ 2,827,962	19,557,809	34,999,361
SPU Rate Increase	*6% SPU Inc*	*6% SPU Inc*	*6% SPU Inc*	*7% SPU Inc*	*7% SPU Inc*	*7% SPU Inc*	*7% SPU Inc*	*7% SPU Inc*	
Water Purchases	1,397,112	1,512,000	1,601,000	1,713,070	1,832,985	1,961,294	2,098,584	16,062,609	26,781,543
All Other O&M costs	1,041,750	1,086,702	1,118,025	1,347,671	1,395,977	1,446,047	1,497,946	10,188,935	18,081,301
TOTAL OPERATING COSTS	4,665,625	4,930,312	5,142,861	5,579,819	5,847,040	6,128,327	6,424,493	45,809,353	79,862,205
CAPITAL COSTS									
Transfer CIC Revenues to Capital	267,712	274,600	285,584	298,435	311,865	325,899	340,564	2,370,247	4,207,195
Transfer to Vehicle Replacement Account	77,000	79,000	81,000	83,000	85,000	88,000	91,000	609,000	1,116,000
Transfer to Capital in Lieu of Depreciation	1,000,000	1,100,000	1,200,000	1,200,000	1,100,000	1,200,000	1,300,000	7,800,000	14,900,000
Total Debt Service (Net of Capitalization)	1,134,225	1,134,900	933,824	1,130,924	1,127,773	1,128,335	1,122,409	7,360,198	13,938,363
TOTAL CAPITAL COSTS	2,478,936	2,588,500	2,500,408	2,712,359	2,624,638	2,742,234	2,853,974	18,139,444	34,161,558
Transfer to Perservation Account	50,000	50,000	50,000	50,000	50,000	50,000	50,000	150,000	450,000
Total Uses	$ 7,194,418	$ 7,568,811	$ 7,693,269	$ 8,342,179	$ 8,521,678	$ 8,920,561	$ 9,328,467	$64,098,798	$ 114,473,763
ENDING BALANCE - OPERATING ACCOUNT	$ 1,305,426	$ 1,244,645	$ 1,354,818	$ 1,171,502	$ 1,170,391	$ 1,147,851	$ 1,110,977	$ 1,624,435	$ 1,624,435

CAPITAL ACCOUNT	2018	2019	2020	2021	2022	2023	2024	2025-2030	2019-2030
Sources:									
BEGINNING BALANCE	$ 11,139,807	$ 9,440,183	$ 5,643,648	$ 7,451,808	$ 7,791,613	$ 8,190,836	$ 9,284,464	$ 7,876,679	$ 9,440,183
Transfer CIC Revenues from Operations	267,712	274,600	285,584	298,435	311,865	325,899	340,564	2,370,247	4,207,195
Transfer from Operations in Lieu of Depreciation	1,000,000	1,100,000	1,200,000	1,200,000	1,100,000	1,200,000	1,300,000	7,800,000	14,900,000
New Bond Proceeds	-	-	-	-	-	-	-	5,000,000	5,000,000
Total Other Sources of Funds	1,154,303	1,023,112	2,404,961	487,568	350,638	493,947	175,941	2,526,528	7,462,694
Total Sources	$ 13,561,822	$11,837,895	$ 9,534,193	$ 9,437,812	$ 9,554,116	$10,210,681	$11,100,969	$25,573,453	$ 41,010,072
Total Uses	$ 4,128,439	$ 6,194,247	$ 2,082,385	$ 1,646,199	$ 1,363,280	$ 926,218	$ 3,224,290	$20,650,293	$ 36,086,912
ENDING BALANCE - CAPITAL ACCOUNT	$ 9,440,183	$ 5,643,648	$ 7,451,808	$ 7,791,613	$ 8,190,836	$ 9,284,464	$ 7,876,679	$ 4,923,160	$ 4,923,160

OTHER FUNDS / ACCOUNTS	2018	2019	2020	2021	2022	2023	2024	2025-2030	2019-2030
END BAL - VEHICLE REPLACEMENT ACCOUNT	$ 309,905	$ 336,194	$ 389,964	$ 264,438	$ 189,109	$ 135,535	$ 231,279	$ 398,564	$ 398,564
ENDING BALANCE - PRESERVATION ACCOUNT	$ 205,305	$ 258,590	$ 312,727	$ 367,731	$ 423,615	$ 480,392	$ 538,079	$ -	$ -
ENDING BALANCE - RETAINAGE ACCOUNT		$ 83,326	$ 83,326	$ 83,326	$ 83,326	$ 83,326	$ 83,326	$ 83,326	$ 83,326
ENDING BALANCE - BOND FUND	$ 270,920	$ 76,920	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Ending Bal - All District Cash	$ 11,531,739	$ 7,643,323	$ 9,592,643	$ 9,678,609	$10,057,277	$11,131,568	$ 9,840,340	$ 7,029,486	$ 7,029,486