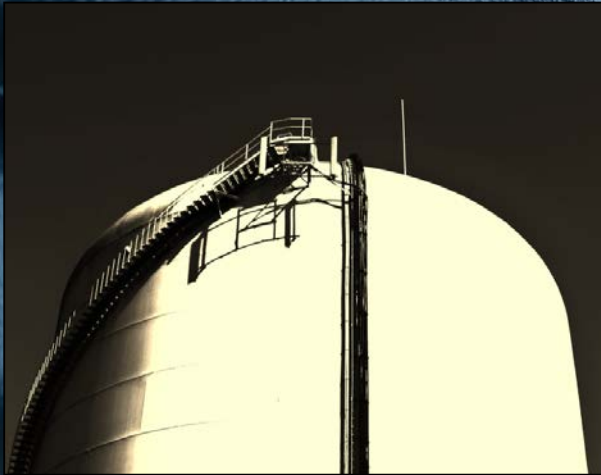


NORTH CITY Water District



2015 Budget

Table of Contents

	<i>Page</i>	
Transmittal Letter	3-4	
Budget at a Glance	5	<i>Tab</i>
<i>Budget at a Glance</i>	6	
Operating Costs	7	<i>Tab</i>
<i>Summary of Operating Costs by Object and Function</i>	8	
<i>Detail of Operating Cost by Object and Function</i>	9-12	
<i>Seattle Public Utilities</i>	13	
<i>Professional Services</i>	14	
Employee Costs	15	<i>Tab</i>
<i>Training and Conferences</i>	16	
<i>Labor & Benefit Summary</i>	17	
<i>Labor & Benefit Detail</i>	18-19	
<i>Salaries & Wages Matrix for 2015</i>	20	
Capital Costs	21	<i>Tab</i>
<i>Capital Plan Summary</i>	22	
<i>Capital Plan Detail Sheets</i>	23-39	
Vehicle Replacement Plan	40	<i>Tab</i>
<i>2015-2038 Vehicle Replacement Plan</i>	41-44	
Debt Service	45	<i>Tab</i>
<i>Debt Service Schedules</i>	46	
Revenues	47	<i>Tab</i>
<i>Base Year Determination</i>	48	
<i>Usage History</i>	49	
<i>Revenue Requirement Increase</i>	50	
<i>Summary of Service and Other Revenue</i>	51	
Rates	52	<i>Tab</i>
<i>Rate Table for 2015</i>	53	
<i>Bill Comparisons</i>	54	
Forecast	55	<i>Tab</i>
<i>2014-2020 Cash Flow Forecast</i>	56	



NORTH CITY Water District

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

November 14, 2015

Commissioners:

Ron Ricker

Charlotte Haines

Larry Schoonmaker

District Manager:

Diane Pottinger, P.E.

Commissioners Haines, Ricker and Schoonmaker-

Attached please find North City Water District's Proposed Budget for 2015. This document represents the culmination of our new Annual Budgeting process that we began in September with a goal of final adoption at our December 2, 2014 meeting.

The purpose of this budget is to guide our District's decision-making over the coming year—particularly important as we embark upon one of the largest capital improvement projects in recent years, our New North City Pump Station—while enabling us to continue operating effectively and efficiently as expected by our rate payers.

Highlights of our 2014 Achievements:

- Reformatted our financial information (in a format that we will continue to follow as we move forward).
- Upgraded our financial software.
- Added a new employee and underwent a staffing change.
- Completed several long-term Capital Improvement projects including 2 public/private partnerships, the District-wide meter replacement project, the new Wireless Carrier building and 3.7 MG Reservoir improvement in North City.
- Purchased property for a new maintenance facility.
- Successfully recovered from an emergency flood in our Administration Building with minimal impact to customers.

Goals During the Upcoming 2015 Fiscal Year:

- Complete Phase II of our Individual PRV project in the Ridgecrest Neighborhood; upgrade two additional PRV stations.
- Upgrade the water main along NE 178th Street and transfer customers to our system.
- Construct the North City Pump Station (the final improvement on this project begun in 2007).
- Begin design of the new Maintenance Facility (estimated mid-year, nearing the completion of the North City Pump Station).
- Recalibrate our hydraulic model (upon completion of the North City Pump Station).
- Begin updating our 10-year Capital Improvement Plan.
- Replace two vehicles.

We have also begun discussions with developers regarding system improvements; should they decide to enter into agreements with us, we have sufficient in-house staff to review, inspect and process the improvements to ensure they are up to District standards.

As requested by the Commissioners, we will begin discussions with neighboring utilities to identify the potential for additional efficiencies, particularly in the event of an emergency or disaster.

We intend to develop new financial and operational reporting formats throughout the new year to show you how these 2015 goals are being met and how associated funds are being allocated.

Impact to Rate Payers

Management is proposing a 3% budget increase to all of our customers to cover additional costs related to inflation.

From all of us on the Management Team, we are truly looking forward to a pragmatic and successful 2015.

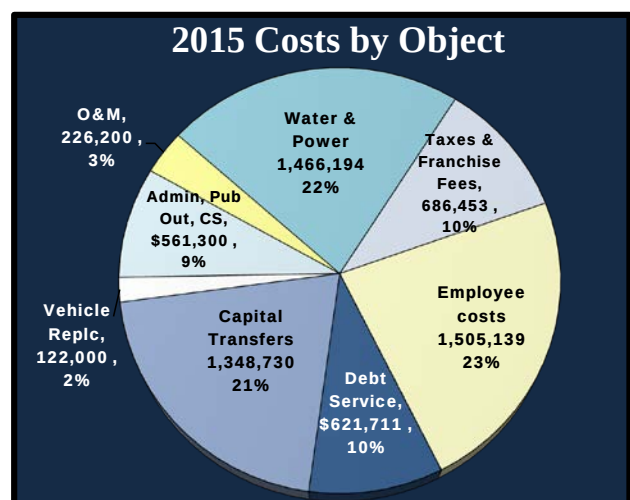
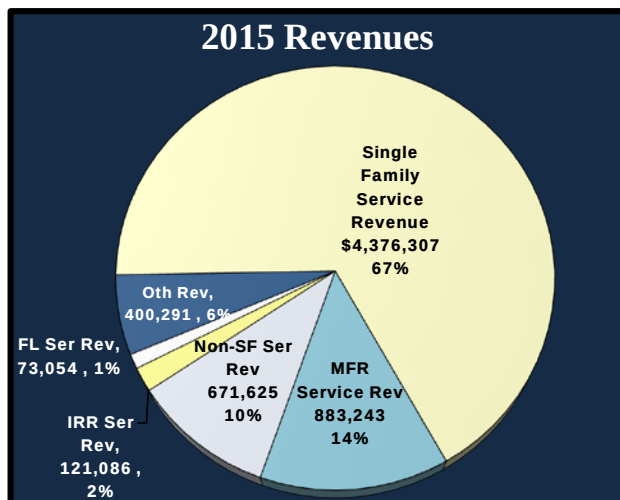


Diane Pottinger, PE
District Manager



Budget at a Glance

	Budget at a Glance			
	2015 - Budget			
	2014 Projected	2015 Budget	Change	Percent Change
Revenue				
SERVICE REVENUE:				
SINGLE FAMILY	\$ 4,248,842	\$ 4,376,307	\$ 127,465	3%
MULTI - FAMILY	857,517	883,243	25,726	3%
NON-SINGLE FAMILY	652,063	671,625	19,562	3%
IRRIGATION	117,559	121,086	3,527	3%
FIRELINES	70,926	73,054	2,128	3%
TOTAL SERVICE REVENUE	5,946,908	6,125,315	178,407	3%
OTHER REVENUE	375,085	396,713	21,627	6%
Total Revenue	\$ 6,321,993	\$ 6,522,028	\$ 200,035	3%
Costs				
Operating Costs				
BUSINESS ADMINISTRATION	145,742	141,000	(4,742)	-3%
PLANNING AND DEVELOPMENT	105,940	111,000	5,060	5%
PUBLIC AND REGIONAL OUTREACH	73,436	65,700	(7,736)	-11%
OFFICE AND RECORDS MANAGEMENT	235,939	178,700	(57,239)	-24%
CUSTOMER SERVICE AND BILLING	42,612	45,200	2,588	6%
PURCHASED WATER AND POWER	1,565,543	1,466,194	(99,349)	-6%
OPERATIONS AND MAINTENANCE	220,678	220,900	222	0%
TAXES AND FRANCHISE FEES	668,120	686,453	18,333	3%
PASS-THRU COSTS	9,067	9,300	233	3%
EMPLOYEE COSTS	1,452,981	1,505,139	52,159	4%
Total Operating Costs	4,520,058	4,429,587	(90,472)	-2%
Capital Costs				
DEBT SERVICE (<i>Net of capitalization</i>)	651,280	621,711	(29,569)	-5%
CAPITAL TRANSFERS (<i>In lieu of depreciation</i>)	991,453	1,348,730	357,277	36%
VEHICLE REPLACEMENT TRANSFER	120,000	122,000	2,000	2%
Total Capital Costs	1,762,734	2,092,441	329,708	19%
Net Additions to (Use of) Reserves	39,201	(0.00)	(39,201)	n/a
Total Costs	\$ 6,321,993	\$ 6,522,028	\$ 200,035	3%





Operating Costs

	Operating Costs in Summary by Object (Type) and Function (Purpose)									
	2015 - Budget									
	2014 Projected	2015 Budget	Business Admin	Cust Service & Billing	O&M General & Admin	Source of Supply & Pump	Storage	Meters & Services	Dist System	Hydrants
BUSINESS ADMINISTRATION										
Legal Services	47,114	50,000	50,000	-	-	-	-	-	-	-
Financial Services	7,074	17,000	17,000	-	-	-	-	-	-	-
Insurance	69,813	71,600	48,400	-	23,200	-	-	-	-	-
Elections	19,332	-	-	-	-	-	-	-	-	-
Miscellaneous and Other	2,410	2,400	2,400	-	-	-	-	-	-	-
TOTAL BUSINESS ADMINISTRATION	145,742	141,000	117,800	-	23,200	-	-	-	-	-
PLANNING AND DEVELOPMENT										
Professional Services	105,940	110,000	110,000	-	-	-	-	-	-	-
Other Planning and Development	-	1,000	1,000	-	-	-	-	-	-	-
TOTAL PLANNING AND DEVELOPMENT	105,940	111,000	111,000	-	-	-	-	-	-	-
PUBLIC AND REGIONAL OUTREACH										
Regional Dues & Memberships	21,219	22,700	22,700	-	-	-	-	-	-	-
Newsletters/Website/Special Events	35,829	36,200	36,200	-	-	-	-	-	-	-
Other Public Outreach	16,388	6,800	6,800	-	-	-	-	-	-	-
TOTAL PUBLIC AND REGIONAL OUTREACH	73,436	65,700	65,700	-	-	-	-	-	-	-
OFFICE AND RECORDS MANAGEMENT										
General Office Expense	5,131	4,100	4,100	-	-	-	-	-	-	-
Office Supplies & Equipment	29,964	20,800	19,600	-	1,200	-	-	-	-	-
Computer Systems	137,066	88,300	66,400	-	21,900	-	-	-	-	-
Phones and Internet	13,980	14,400	6,800	-	7,600	-	-	-	-	-
Building & Grounds Maint & Repair	49,798	51,100	40,000	-	11,100	-	-	-	-	-
TOTAL OFFICE AND RECORDS MANAGEMENT	235,939	178,700	136,900	-	41,800	-	-	-	-	-
CUSTOMER SERVICE AND BILLING										
Billing	42,612	43,700	-	43,700	-	-	-	-	-	-
Reporting	-	1,500	-	1,500	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE AND BILLING	42,612	45,200	-	45,200	-	-	-	-	-	-
PURCHASED WATER AND POWER										
Water	1,534,077	1,446,194	-	-	-	1,446,194	-	-	-	-
Power	31,467	20,000	-	-	-	20,000	-	-	-	-
TOTAL PURCHASED WATER AND POWER	1,565,543	1,466,194	-	-	-	1,466,194	-	-	-	-
OPERATIONS AND MAINTENANCE										
Professional & Other Outside Services	23,609	23,500	-	-	20,600	-	-	-	2,900	-
Supplies & Materials	116,696	119,500	-	-	54,000	5,200	200	21,600	37,400	1,100
Small Tools & Equipment	21,320	21,900	-	-	21,900	-	-	-	-	-
Telemetry	13,274	13,600	-	-	-	13,600	-	-	-	-
Field Vehicle Expense	28,384	29,100	-	-	29,100	-	-	-	-	-
Miscellaneous	17,395	13,300	-	-	10,200	-	200	200	2,000	700
TOTAL OPERATIONS AND MAINTENANCE	220,678	220,900	-	-	135,800	18,800	400	21,800	42,300	1,800
TAXES AND FRANCHISE FEES										
Taxes	326,004	335,784	333,401	-	2,383	-	-	-	-	-
Franchise fees	342,116	350,669	350,669	-	-	-	-	-	-	-
TOTAL TAXES AND FRANCHISE FEES	668,120	686,453	684,070	-	2,383	-	-	-	-	-
PASS-THRU COSTS										
Street Lights/ Charge Point	9,067	9,300	9,300	-	-	-	-	-	-	-
TOTAL PASS-THRU COSTS	9,067	9,300	9,300	-	-	-	-	-	-	-
EMPLOYEE COSTS										
Travel & Training	49,737	47,986	24,710	-	23,276	-	-	-	-	-
Other Employee Costs	6,302	6,500	400	-	6,100	-	-	-	-	-
Temporary Employee Costs	17,143	-	-	-	-	-	-	-	-	-
Direct Payroll Costs	947,439	1,196,250	421,360	139,709	497,733	15,250	9,572	49,759	51,535	11,331
Payroll Benefits	432,359	482,641	175,633	57,079	223,399	2,923	1,859	9,597	9,934	2,217
Payroll Allocations to Capital Projects	-	(228,239)	(9,150)	-	(219,089)	-	-	-	-	-
TOTAL EMPLOYEE COSTS	1,452,981	1,505,139	612,953	196,787	531,420	18,173	11,431	59,357	61,469	13,548
TOTAL OPERATING COSTS	4,520,058	4,429,587	1,737,723	241,987	734,603	1,503,168	11,831	81,157	103,769	15,348

--	--	--

NORTH CITY Water District 2015 - Budget Operating Costs in Detail by Object (Type) and Function (Purpose) <th rowspan="3">2014 Projected</th> <th rowspan="3">2015 Budget</th> <th colspan="26"></th>		2014 Projected	2015 Budget																												
				Admin	Admin- General	Admin- Planning	Public Outreach Commissi oners	Public Outreach - Programs	Finance - General	Cust Service & Billing	Cust Service - General	Cust Service - Billing	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
					Functions_>	10	11	13	14	20		50	51	31		30	42		41	37	38		39			33	34	43		32	36
OPERATIONS AND MAINTENANCE																															
Professional & Other Outside Services																															
Engineering Services	560100	8,176	10,000	-	-	-	-	-	-	-	-	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services - CWA	560102	12,000	10,000	-	-	-	-	-	-	-	-	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Outside Services	560200	3,433	3,500	-	-	-	-	-	-	-	-	600	600	-	-	-	-	-	-	-	-	-	-	-	-	2,900	-	-	2,900	-	-
Professtional & Other Outside Services		23,609	23,500	-	-	-	-	-	-	-	-	20,600	20,600	-	-	-	-	-	-	-	-	-	-	-	-	2,900	-	-	2,900	-	-
Supplies & Materials																															
Supplies - O&M by Function	565100	65,483	67,000	-	-	-	-	-	-	-	-	12,900	10,500	2,400	5,200	-	5,100	100	200	200	15,600	12,300	3,300	-	32,700	14,900	14,800	3,000	400		
Supplies - Inventory by Function	565110	51,213	52,500	-	-	-	-	-	-	-	-	41,100	41,100	-	-	-	-	-	-	-	6,000	2,500	3,500	-	4,700	2,300	2,400	-	700		
Supplies & Materials		116,696	119,500	-	-	-	-	-	-	-	-	54,000	51,600	2,400	5,200	-	5,100	100	200	200	21,600	14,800	6,800	-	37,400	17,200	17,200	3,000	1,100		
Small Tools & Equipment																															
Small Tools & Equipment	568100	21,320	21,900	-	-	-	-	-	-	-	-	21,900	21,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small Tools & Equipment		21,320	21,900	-	-	-	-	-	-	-	-	21,900	21,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Telemetry																															
Telemetry	570100	13,274	13,600	-	-	-	-	-	-	-	-	-	-	-	13,600	-	-	13,600	-	-	-	-	-	-	-	-	-	-	-	-	-
Telemetry		13,274	13,600	-	-	-	-	-	-	-	-	-	-	-	13,600	-	-	13,600	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense																															
Fuel Consumed - Vehicles	572100	18,146	18,600	-	-	-	-	-	-	-	-	18,600	18,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil - field Vehicles	572101	358	400	-	-	-	-	-	-	-	-	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairs & Maint - Vehicles	572200	9,881	10,100	-	-	-	-	-	-	-	-	10,100	10,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Vehicle Expense		28,384	29,100	-	-	-	-	-	-	-	-	29,100	29,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous																															
Locates, Permits & Inspections	574100	4,877	5,100	-	-	-	-	-	-	-	-	2,200	2,200	-	-	-	-	-	-	-	200	200	-	-	2,000	1,400	600	-	700		
Alarm Monitoring	574110	195	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	200	-	-	-	-	-	-	-	-	-	-	-
Operating Fee	574200	12,323	8,000	-	-	-	-	-	-	-	-	8,000	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous		17,395	13,300	-	-	-	-	-	-	-	-	10,200	10,200	-	-	-	-	-	-	200	200	200	200	-	-	2,000	1,400	600	-	700	
TOTAL OPERATIONS AND MAINTENANCE		220,678	220,900	-	-	-	-	-	-	-	-	135,800	133,400	2,400	18,800	-	5,100	13,700	400	400	21,800	15,000	6,800	-	42,300	18,600	17,800	5,900	1,800		
TAXES AND FRANCHISE FEES																															
Taxes																															
Utility and B&O Taxes	575100	322,719	332,401	332,401	332,401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	575200	3,285	3,383	1,000	1,000	-	-	-	-	-	-	2,383	2,383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taxes		326,004	335,784	333,401	333,401	-	-	-	-	-	-	2,383	2,383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees																															
Franchise Expense - SHO	577100	262,352	268,911	268,911	268,911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise Expense - LFP	577200	79,764	81,758	81,758	81,758	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise fees		342,116	350,669	350,669	350,669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL TAXES AND FRANCHISE FEES		668,120	686,453	684,070	684,070	-	-	-	-	-	-	2,383	2,383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PASS-THRU COSTS																															
Street Lights/ Charge Point																															
Street Lights	579100	8,961	9,200	9,200	9,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charge Point	579120	107	100	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Street Lights/ Charge Point		9,067	9,300	9,300	9,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PASS-THRU COSTS		9,067	9,300	9,300	9,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Water Purchased from Seattle Public Utilities (SPU)

2015 - Budget

2013								Old Con. Rates		New Consumption Rates			Water Purchase Costs				
Month	Old Cons. Allowance	Total Cons.	Old Cons. Remaining	Old Cons. 193 & 194	New Cons. Remaining	New Cons. 193 & 194	Old Cons. @ Old Rate	Old Rate	New Rate: Remaining	New Rate: 193 & 194	New Cons.: Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total
January	61,134	59,209	37,217				21,992	\$ 1.52	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ 90,370	\$ -	\$ 90,370		\$ 90,370
February	84,437	52,276	52,276					\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ 79,982	\$ -	\$ 79,982		\$ 79,982
March	76,583	52,552	52,552					\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ 80,405	\$ -	\$ 80,405		\$ 80,405
April	64,987	65,995	65,995					\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ 100,972	\$ -	\$ 100,972		\$ 100,972
May	75,759	68,518	22,072	30,459	6,717	9,270		\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ 80,981	\$ 36,317	\$ 117,298	\$ 7,573	\$ 124,871
June	105,157	73,701			40,333	33,368		\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ -	\$ 167,232	\$ 167,232		\$ 167,232
July	135,512	97,796			74,950	22,846		\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ -	\$ 221,476	\$ 221,476	\$ 29,832	\$ 251,308
August	208,555	97,211			74,776	22,435		\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ -	\$ 220,146	\$ 220,146		\$ 220,146
September	65,399	76,065	10,284	8,733	30,851	26,198		\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ 29,270	\$ 129,454	\$ 158,724	\$ 4,991	\$ 163,715
October	79,523	53,202	37,858	15,344				\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ 81,706	\$ -	\$ 81,706		\$ 81,706
November	74,845	65,572	41,915	23,657				\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ 100,798	\$ -	\$ 100,798	\$ 166,912	\$ 267,710
December	74,029	53,920	25,103	28,817				\$ -	\$ 1.53	\$ 1.55	\$ 2.26	\$ 2.28	\$ 83,074	\$ -	\$ 83,074		\$ 83,074
TOTAL		816,017	345,271	107,009	227,628	114,117	21,992						\$ 727,558	\$ 774,624	\$ 1,502,182	\$ 209,309	\$ 1,711,491

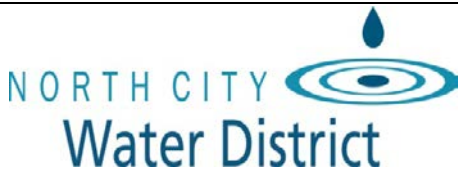
2013
Before Adjustments
Cash Flow
\$ 1,517,558

2014								Old Con. Rates		New Consumption Rates			Water Purchase Costs				
Month	Old Cons. Allowance	Total Cons.	Old Cons. Remaining	Old Cons. 193 & 194	New Cons. Remaining	New Cons. 193 & 194	Old Cons. @ Old Rate	Old Rate	New Rate: Remaining	New Rate: 193 & 194	New Cons.: Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total
January	61,134	63,739	29,943	33,796				\$ 1.53	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 98,197	\$ -	\$ 98,197		\$ 98,197
February	84,437	66,278	37,379	28,899				\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 101,983	\$ -	\$ 101,983		\$ 101,983
March	76,583	50,240	50,013	227				\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 76,872	\$ -	\$ 76,872		\$ 76,872
April	64,987	58,573	58,572	1				\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 89,617	\$ -	\$ 89,617		\$ 89,617
May	75,759	59,545	46,782	3	12,759	1		\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 71,582	\$ 28,964	\$ 100,546		\$ 100,546
June	105,157	78,000			77,944	56		\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ -	\$ 177,061	\$ 177,061		\$ 177,061
July	135,512	98,938			95,612	3,326		\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ -	\$ 224,656	\$ 224,656		\$ 224,656
August	208,555	104,516			102,563	1,953		\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ -	\$ 237,290	\$ 237,290		\$ 237,290
September	65,399	69,405	14,534	649	51,905	2,317		\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 23,242	\$ 123,132	\$ 146,374		\$ 146,374
October	79,523	63,781	62,575	1,206				\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 97,609	\$ -	\$ 97,609		\$ 97,609
November	74,845	65,572	41,915	23,657				\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 100,798	\$ -	\$ 100,798		\$ 100,798
December	74,029	53,920	25,103	28,817				\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 83,074	\$ -	\$ 83,074		\$ 83,074
TOTAL		832,507	366,816	117,255	340,783	7,653	-						\$ 742,973	\$ 791,104	\$ 1,534,077	\$ -	\$ 1,534,077

2014
Cash Flow
\$ 1,534,077

2015 Budget								Old Con. Rates		New Consumption Rates			Water Purchase Costs Projected for 2015				
Month	Old Cons. Allowance	Total Cons.	Old Cons. Remaining	Old Cons. 193 & 194	New Cons. Remaining	New Cons. 193 & 194	Old Cons. @ Old Rate	Old Rate	New Rate: Remaining	New Rate: 193 & 194	New Cons.: Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total
January	61,134	63,739	22,020	41,719				\$ 1.53	\$ 1.42	\$ 1.44	\$ 2.10	\$ 2.12	\$ 91,344	\$ -	\$ 91,344		\$ 91,344
February	84,437	66,278	28,567	37,711				\$ -	\$ 1.42	\$ 1.44	\$ 2.10	\$ 2.12	\$ 94,869	\$ -	\$ 94,869		\$ 94,869
March	76,583	50,240	17,332	32,908				\$ -	\$ 1.42	\$ 1.44	\$ 2.10	\$ 2.12	\$ 71,999	\$ -	\$ 71,999		\$ 71,999
April	64,987	58,573	18,040	40,533				\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 86,011	\$ -	\$ 86,011		\$ 86,011
May	75,759	59,545	9,908	31,729	9,908	8,000		\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 61,346	\$ 38,167	\$ 99,512		\$ 99,512
June	105,157	78,000			44,576	33,368		\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ -	\$ 166,018	\$ 166,018		\$ 166,018
July	135,512	98,938			75,825	23,113		\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ -	\$ 209,388	\$ 209,388		\$ 209,388
August	208,555	104,516			80,395	24,121		\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ -	\$ 221,172	\$ 221,172		\$ 221,172
September	65,399	69,405	9,383	7,968	28,150	23,904		\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 25,197	\$ 110,986	\$ 136,183		\$ 136,183
October	79,523	63,781	45,386	18,395				\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 91,857	\$ -	\$ 91,857		\$ 91,857
November	74,845	65,572	41,915	23,657				\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 94,768	\$ -	\$ 94,768		\$ 94,768
December	74,029	53,920	25,103	28,817				\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 78,584	\$ -	\$ 78,584		\$ 78,584
TOTAL	1,105,920	832,507	217,654	263,437	238,854	112,505	-						\$ 695,973	\$ 745,731	\$ 1,441,704	\$ -	\$ 1,441,704

2015
Cash Flow
\$ 1,446,194

	Professional Services			
	2015 - Budget			
	2013 Actual	2014 Projected	2013-2014 TOTAL	2015 BUDGET
ADMINISTRATION - PUBLIC OUTREACH - O&M				
Legal				
Board Meetings	\$ 36,465	\$ 16,771	\$ 53,236	\$ 20,000
General	19,146	27,483	46,629	20,000
Interlocal and Regional Issues	9,357	0	9,357	5,000
Personel Matters	1,559	423	1,982	2,000
Public Records Requests	260	2,438	2,698	3,000
Total Legal	66,787	47,114	113,901	50,000
Engineering				
Engineering - General	12,321	8,176	20,497	10,000
Engineering - Certificate of Water Availability	18,300	12,000	30,300	10,000
Total Engineering	30,621	20,176	50,797	20,000
Computer Systems Administration	57,125	66,539	123,664	65,000
Public Outreach - Newsletter & Webpage	18,726	15,914	34,639	15,000
TOTAL ADMIN - PUBLIC OUTREACH - O&M	\$ 173,259	\$ 149,742	\$ 323,001	\$ 150,000
PLANNING & DEVELOPMENT				
Code Book				\$ 10,000
Unspecified Planning & Development Needs				50,000
Transfer to Preservation Planning Reserve				50,000
Amicus Brief	51,417	7,460	58,877	
Less: Other Agency Contributions	(14,750)	0	(14,750)	
Net Amicus Brief	36,667	7,460	44,127	
Governance Study	116,155	11,906	128,061	
Less: Other Agency Contributions	(50,912)	(7,461)	(58,373)	
Net Governance Study	65,243	4,445	69,688	
Boundary Review Process		80,470	80,470	
Work Process Review Study	16,470	9,180	25,650	
Sprinkbrook Upgrade (<i>Securcomputing & Springbrook</i>)	14,556	18,159	32,715	
TOTAL PLANNING & DEVELOPMENT	\$ 132,936	\$ 119,713	\$ 252,650	\$ 110,000
TOTAL - PROFESSIONAL SERVICES	\$ 306,195	\$ 269,455	\$ 575,650	\$ 260,000



Employee Costs

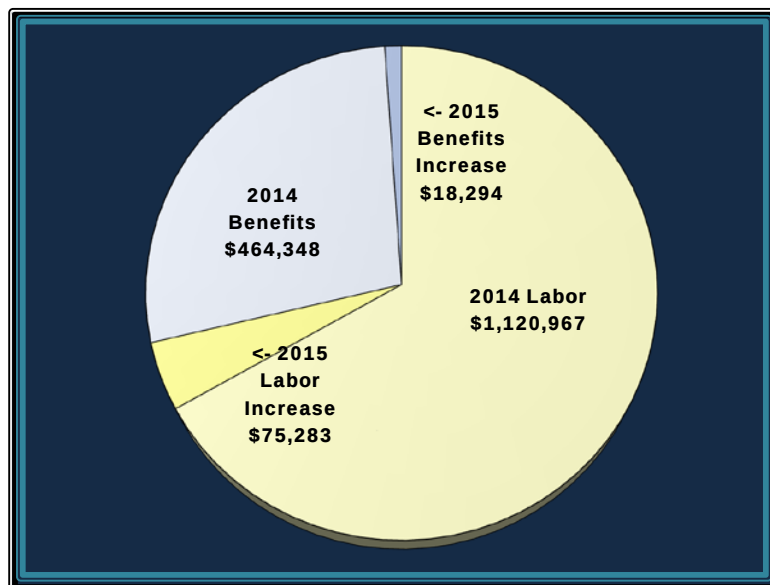
	Training and Conferences							
	2015 - Budget							
	Dates	Location	Registration	AirFare or Mileage	Lodging	Per Diem & Other	2015 TOTAL	2014 TOTAL
TRAINING								
Inspector/Project Manager GIS Training - 3 Quarters	Quarterly	Seattle					\$ 6,000	\$ 2,201
Office Staff	Various	Various					\$ 5,000	\$ 1,656
Excutive Assistant	Various	Various					\$ 1,500	\$ -
Field Crew	Various	Various					\$ 8,000	\$ 7,311
TOTAL TRAINING							\$ 20,500	\$ 11,168
CONFERENCES & BOARD MEETINGS								
General Manager								
WASWD Conference	April 16-17	Yakima	\$475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ 846
WASWD Conference	Sep 23-25	Wenatchee	\$475	\$ 151	\$ 600	\$ 120	\$ 1,346	\$ 1,536
PWTF Board Meetings	Monthly	Olympia					\$ -	\$ -
				Total General Manager			\$ 2,709	\$ 2,382
Operations Manager								
WASWD Conference	April 16-17	Yakima	\$475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ 1,394
PNWS Conference	April 29-May 3	Bellevue	\$410	\$ 17	\$ 600	\$ 150	\$ 1,177	\$ 1,853
AWWA Conference - ACE 15	Jun 7-10	Anaheim	\$820	\$ 500	\$ 2,000	\$1,000	\$ 4,320	\$ 4,403
WASWD Conference	Sep 23-25	Wenatchee	\$475	\$ 151	\$ 600	\$ 120	\$ 1,346	\$ 1,714
PNWS Board Meeting	Oct 7-9	Sun River		\$ 420	\$ 500	\$ 150	\$ 1,070	\$ 874
				Total Operations Manager			\$ 9,276	\$ 10,238
Commissioner Ricker								
WASWD Conference	April 16-17	Yakima	\$475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ 1,395
PNWS Conference	April 29-May 3	Bellevue	\$410	\$ 17	\$ 600	\$ 150	\$ 1,177	\$ 1,523
AWWA Conference - ACE 15	Jun 7-10	Anaheim	\$820	\$ 500	\$ 2,000	\$1,000	\$ 4,320	\$ 3,743
WASWD Conference	Sep 23-25	Wenatchee	\$475	\$ 151	\$ 600	\$ 120	\$ 1,346	\$ 1,714
				Total Ricker			\$ 8,206	\$ 8,375
Commissioner Haines								
WASWD Conference	April 16-17	Yakima	\$475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ 1,000
PNWS Conference	April 29-May 3	Bellevue	\$410	\$ 17	\$ 600	\$ 150	\$ 1,177	\$ 1,298
WASWD Conference	Sep 23-25	Wenatchee	\$475	\$ 151	\$ 600	\$ 120	\$ 1,346	\$ 1,515
				Total Haines			\$ 3,886	\$ 3,813
Commissioner Schoonmaker								
WASWD Conference	April 16-17	Yakima	\$475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ -
WASWD Conference	Sep 23-25	Wenatchee	\$475	\$ 151	\$ 600	\$ 120	\$ 1,346	\$ 1,894
				Total Schoonmaker			\$ 2,709	\$ 1,894
TOTAL CONFERENCES AND MEETING							\$ 26,786	\$ 26,701
GRAND TOTAL CONFERENCES, MEETINGS AND TRAINING							\$ 47,286	\$ 37,869



Labor and Benefits Summary

2015 - Budget

	DIRECT LABOR	TOTAL BENEFITS	COMBINED TOTAL
Total Projected Labor and Benefits for 2014	\$ 1,120,967	\$ 464,348	\$ 1,585,315
2014 Full Year Step Increases	\$ 13,340	\$ 2,249	\$ 15,590
Part-Year Employees for Full Year	\$ 28,995	\$ 8,475	\$ 37,470
2015 Step Increases b/f COLA	\$ 10,136	\$ 3,724	\$ 16,418
Base Labor and Benefits for 2015	\$ 1,173,438	\$ 478,795	\$ 1,652,233
COLA @ 2% on Staff Employees	\$ 22,812	\$ 3,846	\$ 26,658
TOTAL LABOR AND BENEFITS FOR 2015	\$ 1,196,250	\$ 482,641	\$ 1,678,892
<i>2015 Increase over 2014</i>	<i>\$ 75,283</i>	<i>\$ 18,294</i>	<i>\$ 93,577</i>
<i>Percent Increase over 2014</i>	<i>6.7%</i>	<i>3.9%</i>	<i>5.9%</i>



NORTH CITY Water District					Direct Labor										Benefits										Combined																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					0.0%	Commissioner's Inc																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

(1) Total gross pay for 2015 varies from the annual or effective annual salary due to estimates regarding overtime and vacation cash out hours, timing of the step increase and cash flow timing issue.

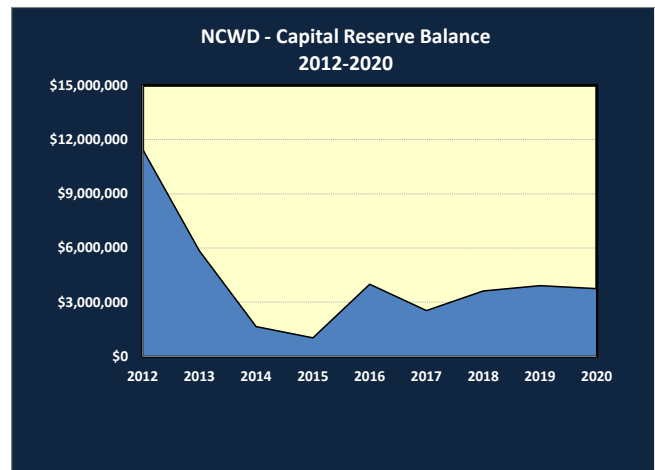
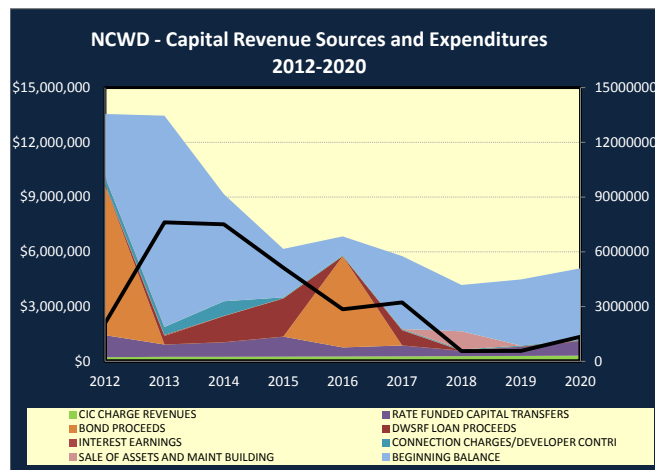
		2015 Salaries & Wages Matrix				
		2015 - Budget				
		Across the Board Inc	2.0%	Lump sum	\$ -	
MANAGEMENT						
TITLE	Steps	Step 1	Step 2	Step 3	Step 4	Step 5
Finance Manager	5	\$ 95,679.29	\$ 100,686.53	\$ 105,957.30	\$ 111,505.48	\$ 117,129.97
Operations Manager	5	\$ 95,679.29	\$ 100,686.53	\$ 105,957.30	\$ 111,505.48	\$ 117,129.97
Certification Pay						\$ 5,856.50
FINANCE & ADMIN.DEPARTMENT						
TITLE	Steps	Step 1	Step 2	Step 3	Step 4	
Executive Assistant rate per hour	4	\$ 55,008.26 \$ 26.4463	\$ 59,626.58 \$ 28.6666	\$ 64,127.61 \$ 30.8306	\$ 67,333.99 \$ 32.3721	
Senior Accountant rate per hour	4	\$ 62,699.80 \$ 30.1441	\$ 66,521.28 \$ 31.9814	\$ 70,214.14 \$ 33.7568	\$ 73,724.84 \$ 35.4446	
Customer Service Specialist rate per hour	4	\$ 50,348.27 \$ 24.2059	\$ 54,591.42 \$ 26.2459	\$ 58,728.38 \$ 28.2348	\$ 61,664.80 \$ 29.6465	
OPERATIONS DEPARTMENT						
		YEAR 1	YEAR 2+			
Operations Lead rate per hour	2	\$ 75,657.67 \$ 36.3739	\$ 81,100.49 \$ 38.9906			
Field Inspector/Project Manager*	3	\$ 86,821.66	\$ 91,135.64	\$ 95,665.33		
Utility Person IV / Water Quality rate per hour	2	\$ 65,859.78 \$ 31.6634	\$ 70,213.83 \$ 33.7566			
Utility Person IV rate per hour	2	\$ 65,859.78 \$ 31.6634	\$ 70,213.83 \$ 33.7566			
Utility Person III rate per hour	2	\$ 58,239.43 \$ 27.9997	\$ 61,504.71 \$ 29.5696			
Utility Person II rate per hour	2	\$ 52,795.59 \$ 25.3825	\$ 56,061.89 \$ 26.9528			
Utility Person I rate per hour	2	\$ 47,680.43 \$ 22.9233	\$ 50,619.08 \$ 24.3361			

(1) Wage Adjustment Effective January 1, 2015



Capital Costs

	Capital Plan Summary							
	2015 - Budget							
	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020
SOURCES:								
Construction Fund Beginning Balance	\$ 155,723	\$ 2,656,185	\$ 1,029,675	\$ 3,995,697	\$ 2,538,720	\$ 3,623,455	\$ 3,917,987	\$ 2,656,185
Transfers from Sinking fund	3,351,885	-	-	-	-	-	-	-
Transfers from the Maintenance Fund	3,457,418	1,348,730	756,192	863,878	576,280	789,265	1,102,861	5,437,206
Interest Earnings	143,636	14,103	5,467	21,215	13,479	19,238	20,802	94,304
Connection Fees	799,156	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Sale of Old Maintenance Property	-	-	-	-	1,000,000	-	-	1,000,000
2011 Bond Proceeds	8,200,000	-	-	-	-	-	-	-
2016 Bond Proceeds	-	-	5,000,000	-	-	-	-	5,000,000
DWSRF Loan	1,898,722	2,087,042	-	-	-	-	-	2,087,042
Wireless Building Funding	851,453	-	-	-	-	-	-	-
Contribution by Joint Venture Developers	1,000,000	-	-	-	-	-	-	-
Bothell Crossing PWTF Loan	-	-	-	830,941	-	-	-	830,941
TOTAL SOURCES	19,857,993	6,156,060	6,841,334	5,761,730	4,178,480	4,481,959	5,091,650	17,405,677
USES:								
Admin Building - Design / Construction / Furniture & Other	4,232,675	-	-	-	-	-	-	-
Additional Items	-	95,000	46,649	109,155	5,570	5,793	6,025	268,192
Back Lot	202,219	-	-	-	-	-	-	-
Church property	3,394,466	-	-	-	-	-	-	-
TOTAL ADMIN BUILDING, ADDITIONS, LAND	7,829,360	95,000	46,649	109,155	5,570	5,793	6,025	268,192
NCPS - .4MG Reservoir- Design and Construction	1,252,161	3,984,851	214,149	-	-	-	-	4,199,000
Possible Cost Adjustment	-	(400,000)	-	-	-	-	-	(400,000)
All Other NCPS Costs	-	532,164	2,493	-	-	-	-	534,657
CIP #4 - 15th and 24th	250,360	-	-	-	-	-	-	-
TOTAL RESERVOIR	1,502,522	4,117,015	216,642	-	-	-	-	4,333,657
Maintenance Building	7,500	129,441	1,757,617	1,054,416	-	-	-	2,941,474
Wireless Bldg, Railing on North City PS - CIP 3.7MG Res Recoat	2,335,103	61,522	-	-	-	-	-	61,522
Meter Replacement Program	1,985,557	-	-	-	-	-	-	-
Joint Developer Projects	1,498,915	-	-	-	-	-	-	-
Main Replc - NE 185th/187th - 28th/29th Ave NE	521,763	-	-	-	-	-	-	-
Telemetry/SCADA	261,012	-	-	-	-	-	-	-
Miscellaneous Completed Projects	567,906	-	-	-	-	-	-	-
Water System Plan Updates	102,383	53,956	99,948	-	-	-	336,466	490,370
System-wide - Rebuild/Replace PRV Stations	21,037	101,040	105,877	290,395	302,011	314,091	-	1,113,415
Individual Pressure Reducing Valves (ORV)	-	130,521	-	-	-	-	-	130,521
GIS Project	-	29,370	30,385	31,600	32,864	34,179	35,546	193,944
NE 178th Street / McAleer Creek/LFP Culvert -	-	196,420	-	-	-	-	-	196,420
CP 1f - 18th Ave	-	-	161,653	-	-	-	-	161,653
CP 10 - 19th Ave NE	-	-	216,075	-	-	-	-	216,075
CP 35 - NE 171st	-	-	-	102,398	-	-	-	102,398
CP 1i - NE 169th St & 22nd Ave NE - Construction	-	-	-	19,417	-	-	-	19,417
CP 2d - NE 160th and CP1i - NE 169th	-	-	-	533,494	-	-	-	533,494
CP 33 - 20th Place and CP12 - 200th / 25th	-	-	-	-	-	-	375,380	375,380
CP 12 - NE 200th St./25th Ave. NE - Construction	-	-	-	-	-	-	371,039	371,039
Bothell Way Crossing	-	-	-	857,044	-	-	-	857,044
Meters/Services/Hydrants	202,941	25,500	25,750	26,000	26,000	26,000	26,000	155,250
Computer and Office Equipment	81,663	21,600	6,382	19,886	8,807	18,909	24,182	99,765
Leak Maintenance Program	-	-	13,658	14,204	14,772	-	-	42,634
TOTAL OTHER CAPITAL USES	7,578,281	749,370	2,417,346	2,948,855	384,454	393,179	1,168,613	8,061,816
Capitalized Interest	165,000	165,000	165,000	165,000	165,000	165,000	165,000	990,000
TOTAL USES	17,075,163	5,126,385	2,845,636	3,223,010	555,024	563,972	1,339,638	13,653,665
ENDING BALANCE (Net Surplus)	\$2,782,831	\$1,029,675	\$3,995,697	\$2,538,720	\$3,623,455	\$3,917,987	\$3,752,012	\$3,752,012





Capital Plan - Project

2015 - Budget

Additions to Admin Building & Property

Status: Ongoing

Funding Source: Rates

Locations: 1519 NE 177th Street

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Gates		\$ 80,000						\$ 80,000	\$ 80,000
Furniture		5,000	5,150	5,356	5,570	5,793	6,025	32,894	32,894
Drop down screen		10,000	-	-	-	-	-	10,000	10,000
Operable Partition		-	18,911	-	-	-	-	18,911	18,911
Art work		-	5,253	-	-	-	-		
Board room furnishings		-	17,335	-	-	-	-		
Shorage Shed		-	-	103,799	-	-	-	103,799	103,799
Total Costs	\$ -	\$ 95,000	\$ 46,649	\$ 109,155	\$ 5,570	\$ 5,793	\$ 6,025	\$ 245,604	\$ 245,604

Project description: Install furniture, gates, screen for board room, operable partition for board room, additional artwork and commissioner's room furnishings.

Rationale: North City Water District eliminated a number of items to reduce the capital costs of the new Administration Building. Some of the items that were eliminated are planned to be added annually, when funding become available. These items include: gates to secure a portion of the parking lot after hours, furniture for those offices and staff that did not get new furniture in 2013, drop down screen for the board room along the north wall, operable partition for the board room), additional artwork throughout the building and furnishing for the board room, installation of a storage shed.

GL Code:

Other project names:

2-00-189875, 2-00-171200

CIP 2011-01 Administration Bldg Remodel

CIP 2012-06 Property Purchase 17534 15th Ave NE Back lot



Capital Plan - Project 2015 - Budget North City Pump Station

Status: Ongoing Funding Source: Rates DWSRF loan proceeds 2016 Bond proceeds (reimbursement funding)	Locations: 18012 15th Ave NE Permits: Building, Electrical, Plumbing, Fire & ROW
--	--

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Design	\$ 1,321,694							\$ -	\$ 1,321,694
Construction - NCPS		3,984,851	214,149					4,199,000	4,199,000
Construction savings- NCPS		(400,000)						(400,000)	(400,000)
Inspection - consultants		320,960						320,960	320,960
Inspection - In-house		93,590						93,590	93,590
Crew time		14,397						14,397	14,397
Project management		93,217	2,493					95,710	95,710
Legal & other		10,000						10,000	10,000
Total Costs	\$ 1,321,694	\$ 4,117,015	\$ 216,642	\$ -	\$ -	\$ -	\$ -	\$ 4,333,657	\$ 5,655,350

Project description: To install a new pump station adjacent to the 3.7 MG reservoir. Pump station to operate more efficiently than current station, over a wide range of conditions, and to accommodate/complete construction other recent capital projects on the same site. District may consider installing the additional pump at a later date to save costs.

Rationale: With the completion of the installation and connection to a secondary source, the District is able to utilize the dead storage portion of the 3.7 MG reservoir. The existing pump station pumps were also nearing the end of their useful life and would require replacement. This project was identified in the adopted 2011 WSP update and has required a number of other projects to be completed prior to the construction of the new station - lot line adjustment, demolition of the 0.4 MG reservoir, installation of a new wireless carrier building, 3.7 MG reservoir improvements. Construction of this project will allow the district to operate more efficiently, complete the multiple projects to make the site be more efficient, reduce construction and maintenance impacts to the neighbors.

GL Code:	2-00-189840, 2-00-189845, 2-00-189889/101, 2-00-189201
Other project names:	1a - North City Pump Station - 2011 WSP
	2009-07 660 Pump Station Pre-design
	Site Improvements
	0.4 MG tank demo
	CIP 4 15th and 24th



Capital Plan - Project

2015 - Budget

Maintenance Building

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

Locations: 15555 15th Ave NE
 Permits: Building, Electrical, Plumbing, Fire & ROW

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Design	\$ 7,500	\$ 100,000	\$ 210,120					\$ 310,120	\$ 317,620
Site Plan			52,530					52,530	52,530
Permit			29,417					29,417	29,417
Demo			105,060					105,060	105,060
Sidewalks			126,072					126,072	126,072
Generator			52,530					52,530	52,530
Stormwater Improvements			52,530					52,530	52,530
Security			15,759					15,759	15,759
Fencing and gates			147,084					147,084	147,084
Crew building			472,770					472,770	472,770
Metal Building			393,975	409,734				803,709	803,709
Contingency for buildings			-	499,200				499,200	499,200
Crew time design/const & moving		3,359	3,494	53,878				60,731	60,731
Project management		23,970	72,709	75,617				172,296	172,296
Management review		2,112	17,568	15,987				35,666	35,666
Legal & other			6,000					6,000	6,000
Total Costs	\$ 7,500	\$ 129,441	\$ 1,757,617	\$ 1,054,416	\$ -	\$ -	\$ -	\$ 2,941,474	\$ 2,948,974

Project description: Design and construct a new maintenance building. Project assumes to include: \$300,000 for design costs, \$28,000 for a new special use permit for new (not remodeled) building, \$120,000 for sidewalks, \$50,000 for generator, \$50,000 stormwater improvements, \$15,000 for security, \$140,000 for security fencing and gates, \$450,000 for the crew building and \$750,000 for a new metal building. Contingency of 40% or \$630,000. Amounts in text are in 2014 dollars. - amounts shown in table are inflated.

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. It is in the best interest of the District to begin design and construction of the new facility prior to the NW Church moving out of the facility in March 2015 so as to minimize the amount of time the property will be vacant.

GL Code: 2-00-189876
 Other project names: CIP 2012-09
 New Shop Building



Capital Plan - Project

2015 - Budget

Water System Plan Update

Status: Ongoing

Funding Source: Rates

Locations: District wide

Permits: None; DOH and King County approval required

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Consulting		\$ 30,000	\$ 51,500				\$ 300,000	\$ 381,500	\$ 381,500
Crew time		3,599	6,239				11,677	21,515	21,515
Project management / review		11,652	24,236				14,177	50,065	50,065
Management review		7,038	14,640				8,563	30,241	30,241
Legal & other		1,667	3,333				2,048	7,048	7,048
Total Costs		\$ 53,956	\$ 99,948	\$ -	\$ -	\$ -	\$ 336,466	\$ 490,370	\$ 490,370

Project description: North City Water District's water system plan was adopted by the Board of Commissioners in 2011. The Department of Health is considering allowing Water System Plans to be updated less frequently than the WAC required 6 year cycle. District staff met with DOH representative during their 2014 sanitary survey and conveyed to DOH that the District will be completed with the 6 year CIP identified in the 2011 WSP during 2015. DOH and the District discussed how soon a new plan would be required and how the District might update it. The District will need to calibrate the existing hydraulic model to ensure the new pump station operates as it is intended and to improve water system redundancy/reliability, then reprioritize district projects. The project schedule will be spread throughout the CIP window and are presumed to extend well beyond the 20 year planning period. The final schedule will be revised when better information is available about the redevelopment of the area.

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 would normally consider: (1) operating policies and customer level of service, (2) evaluate 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 considering changing their comprehensive plan to allow for redevelopment of the areas near the NE 145th and 185th Street Stations. Water service for redeveloping properties in these areas should be identified. It is unknown of many feet and what diameter of water mains will be required to support this redevelopment. The total cost and funding sources of these redevelopment areas are unknown as this time. Sound Transit will pay for a portion of the water mains. This hydraulic modeling of the final adopted land use will assure appropriate design and construction of utility facilities can be coordinated with construction and redevelopment of these areas. Well designed utility facilities minimize the opportunities for pipe failures. Designing sufficient utility capacity for the planned population is proactive and results in the lease life cycle cost for pipelines.

GL Code:

2-00-189879

Other project names:

Project 45 Water System Plan - 2013 WSP
Comp Plan



Capital Plan - Project 2015 - Budget

System-wide Rebuild/Replace PRV Stations

Status: Ongoing

Funding Source: Rates

Locations: Various

Permits: Not required unless vault is replaced, then ROW

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction	\$ 21,037	\$ 75,000	\$ 78,795	\$ 262,230	\$ 272,719	\$ 283,628		\$ 972,371	\$ 993,409
Crew time		24,043	25,005	26,005	27,045	28,127		130,225	130,225
Project management		1,998	2,077	2,160	2,247	2,337		10,819	10,819
Total Costs		\$ 101,040	\$ 105,877	\$ 290,395	\$ 302,011	\$ 314,091	\$ -	\$ 1,113,415	\$ 1,134,452

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.

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

GL Code:

2-00-189102, 1-00-189251

Other project names:

Project 2A System Wide (Multiple locations) - 2013 WSP

CIP 2011-03, PRV #5 rebuild

CIP 2014-01, Rebuild PRV 7 and 9



Capital Plan - Project

2015 - Budget

Individual Pressure Reducing Valve Installation (615 PZ West, Phase II)

Status: Ongoing
Funding Source: Rates

Locations: Ridgecrest Neighborhood
Permits: None

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Design - in-house	\$ -	\$ 3,056						\$ 3,056	\$ 3,056
Construction		120,907						120,907	120,907
Inspection		3,839						3,839	3,839
Crew time		1,920						1,920	1,920
Project management		799						799	799
Total Costs		\$ 130,521	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,521	\$ 130,521

Project description: Installation of 132 individual PRVs to homes and businesses in the Ridgecrest Neighborhood to sustain the water pressure.

Rationale: During the project with Development Services of America (DSA), the District considered the options of doing zone separation improvements to expand the existing 615 pressure zone and create a new 615 "West" pressure zone, in addition to projects 1e and 1g in the 2013 water system plan. District staff and the District's consulting engineer recommend in their 10/15/2012 memorandum to the District, to "eliminate projects 1g (NE 157th Street and 3rd Avenue NE), 1e (NE 156th Street and 5th Avenue NE) and 2e (5th Avenue NE between 155th and 156th Streets) to reduce the construction costs and expand the new 615 "West" zone to the south and west. District staff confirmed all the residential services over 80 psi that will require installation of individual residential PRVs. The first 168 individual PRVs have been installed as part of the DSA Escrow project. The remaining 132 individual PRVs will be installed as a separate project.

GL Code: 1-00-189010 phase I
Other project names: In addition to Projects 1e and 1g - 2013 WSP
CIP 2013-02 for phase I



Capital Plan - Project
2015 - Budget
GIS Project

Status: Ongoing

Funding Source: Rates

Locations: District wide

Permits: None

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Aerials		\$ 1,000	\$ 1,030	\$ 1,071	\$ 1,114	\$ 1,159	\$ 1,205	\$ 6,579	\$ 6,579
ESRI with annual update		15,000	15,450	16,068	16,711	17,379	18,074	98,682	98,682
District labor		13,370	13,905	14,461	15,039	15,641	16,267	88,683	88,683
Total Costs		\$ 29,370	\$ 30,385	\$ 31,600	\$ 32,864	\$ 34,179	\$ 35,546	\$ 193,944	\$ 193,944

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. 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:

2-00-189870

Other project names:

Project 54 Water System Plan - 2013 WSP



Capital Plan - Project 2015 - Budget

NE 178th Street Project, Phases I, II and III

Status: On-going
Funding Source: Rates

Locations: NE 178th Street from 37th Ave NE to Brookside Blvd NE
Permits: ROW, WDFW, SEPA

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Design	\$ 2,445	\$ 33,945						\$ 33,945	\$ 36,390
Construction		149,520						149,520	149,520
Inspection		2,879						2,879	2,879
Crew time		2,879						2,879	2,879
Project management		3,196						3,196	3,196
Legal & other		4,000						4,000	4,000
Total Costs		\$ 196,420	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196,420	\$ 198,864

Project description: Installation of a new water main along NE 178th Street from 37th Ave NE and Brookside Blvd. Project to also include the annexation of 5 parcels to the District that are currently within the Lake Forest Park Water District. Project also includes installation of 7 services across NE 178th Street, prior to the installation of the new water main.

Rationale: The City of Lake Forest Park intends to make roadway improvements within the public right-of-way along NE 178th Street from 37th Ave NE to Brookside Blvd NE which will require North City Water District to relocate the water mains along the same corridor. Phase I of the project is to work with the City of Lake Forest Park's consulting engineer to install a water main as part of the City project. Phase II of the project is to deannex 5 parcels from Lake Forest Park Water District and annex them to North City Water District. Phase III of the project is to install water services from our existing water main to 7 parcels (2 parcels are part of NCWD but are currently being served by LFPWD).

GL Code:
Other project names: McAleer Creek Crossing, LFP Culvert - 178th Street
LFP Culvert - 178th Street
Brookside Annexation



Capital Plan - Project
2015 - Budget
18th Avenue NE (CIP 1f)

Status: Projected

Locations: 18th Ave NE

Funding Source: Rates

Permits: ROW

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction			\$ 142,882					\$ 142,882	\$ 142,882
Inspection			7,628					7,628	7,628
Crew time			1,996					1,996	1,996
Project management			6,648					6,648	6,648
Legal & other			2,500					2,500	2,500
Total Costs		\$ -	\$ 161,653	\$ -	\$ -	\$ -	\$ -	\$ 161,653	\$ 161,653

Project description: Installation of 400 ft of 8" water main.

Rationale: New 615 Transmission Main to provide looping and maintain fire flow capacity.

GL Code:

Other project names: CIP 2012-07



Capital Plan - Project 2015 - Budget

19th Avenue NE/20427 19th Ave NE (CIP 10)

Status: Projected

Funding Source: Rates

Locations: 19th Avenue NE/20427 19th Ave NE

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction			\$ 193,310					\$ 193,310	\$ 193,310
Inspection			7,628					7,628	7,628
Crew time			5,989					5,989	5,989
Project management			6,648					6,648	6,648
Legal & other			2,500					2,500	2,500
Total Costs		\$ -	\$ 216,075	\$ -	\$ -	\$ -	\$ -	\$ 216,075	\$ 216,075

Project description: Installation of 420 ft of 8" water main.

Rationale: Replace existing 6" main with 8" to meet fire flow velocity criteria at two locations. Connecting existing 6" main to main in 19th Avenue NE to meet fire flow velocity criteria.

GL Code:

Other project names:



Capital Plan - Project
2015 - Budget
NE 171st Street (CIP 35)

Status: Projected

Funding Source: Rates

Locations:

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction				\$ 89,595				\$ 89,595	\$ 89,595
Inspection				5,289				5,289	5,289
Crew time				1,557				1,557	1,557
Project management				3,457				3,457	3,457
Legal & other				2,500				2,500	2,500
Total Costs		\$ -	\$ -	\$ 102,398	\$ -	\$ -	\$ -	\$ 102,398	\$ 102,398

Project description: Installation of 225 ft of 8" water main.

Rationale: Installation of 225 ft of 8" water main.

GL Code:

Other project names:

CIP 2012-08



Capital Plan - Project 2015 - Budget

NE 169th Street & 22nd Avenue NE (CIP 1i)

Status: Projected

Funding Source: Rates

Locations: NE 169th Street & 22nd Avenue NE

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction				\$ 10,926				\$ 10,926	\$ 10,926
Inspection				1,322				1,322	1,322
Crew time				2,076				2,076	2,076
Project management				2,593				2,593	2,593
Legal & other				2,500				2,500	2,500
Total Costs		\$ -	\$ -	\$ 19,417	\$ -	\$ -	\$ -	\$ 19,417	\$ 19,417

Project description: Connect 615 Zone 6" main to 6" main in 22nd Avenue. Maintain check valve connection with new 12" transmission main to the 590 Zone.

Rationale: Connect 615 Zone 6" main to 6" main in 22nd Avenue. Maintain check valve connection with new 12" transmission main to the 590 Zone.

GL Code:

Other project names:



Capital Plan - Project
2015 - Budget
NE 160th Street (CIP 2d)

Status: Projected

Locations: NE 160th Street

Funding Source: Rates

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction				\$ 504,792				\$ 504,792	\$ 504,792
Inspection				9,255				9,255	9,255
Crew time				8,305				8,305	8,305
Project management				8,642				8,642	8,642
Legal & other				2,500				2,500	2,500
Total Costs		\$ -	\$ -	\$ 533,494	\$ -	\$ -	\$ -	\$ 533,494	\$ 533,494

Project description: Installation of 1,000 ft of 8" water main.

Rationale: New 590 transmission main to provide looping at zone boundary and maintain fire flow capacity. Install PRV between 590 to 515 Zones (with 8" backflow check valve from 515 to 590 zone for fire flow) on NE 160th between 26th & 27th Ave NE.

GL Code:

Other project names:



Capital Plan - Project
2015 - Budget
20th Place NE (CIP 33)

Status: Projected
 Funding Source: Rates

Locations: 20th Place NE
 Permits: ROW

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction							\$ 342,906	\$ 342,906	\$ 342,906
Inspection							11,898	11,898	11,898
Crew time							5,839	5,839	5,839
Project management							11,665	11,665	11,665
Legal & other							3,073	3,073	3,073
Total Costs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 375,380	\$ 375,380	\$ 375,380

Project description: Install 665 feet of 8" mains.

Rationale: Connect dead-ends and replace existing 4" mains with 8" mains to meet fire flow velocity criteria and for water quality.

GL Code:
 Other project names:



Capital Plan - Project

2015 - Budget

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

Status: Projected

Funding Source: Rates

Locations: NE 200th Street/25th Avenue N

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction							\$ 341,677	\$ 341,677	\$ 341,677
Inspection							11,898	11,898	11,898
Crew time							4,671	4,671	4,671
Project management							9,721	9,721	9,721
Legal & other							3,073	3,073	3,073
Total Costs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 371,039	\$ 371,039	\$ 371,039

Project description: Install 570 feet of 12" mains.

Rationale: Replace existing 6" mains with new 12" main to meet fire flow velocity criteria. Relocate hydrant on 4" dead-end to 25th Avenue NE.

GL Code:

Other project names:



Capital Plan - Project
2015 - Budget
Bothell Way Crossing

Status: On-going
 Funding Source: Rates
 PWTF or DWSRF
 Lake Forest Park Water District - share in boring cost

Locations: Bothell Way at NE 170th Street
 Permits: ROW, WDFW, SEPA

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction				\$ 830,941				\$ 830,941	\$ 830,941
Inspection				10,577				10,577	10,577
Crew time				4,152				4,152	4,152
Project management				8,642				8,642	8,642
Legal & other				2,732				2,732	2,732
Total Costs		\$ -	\$ -	\$ 857,044	\$ -	\$ -	\$ -	\$ 857,044	\$ 857,044

Project description: Installation of a crossing of Bothell Way at NE 170th Street to provide redundancy of water service to the Sheridan Beach neighborhood south of Bothell Way. The crossing would connect the south side system to the north side of Bothell Way in the vicinity of the Lake Forest Park Town Center. Costs include sharing of the boring and casing costs with Lake Forest Park Water District to help with their system redundancy.

Rationale: The system was installed in ____ and no known operational issues until a valve was closed in 2011. Installation of this line will provide redundancy to the area. Preliminary conversations with Lake Forest Park Water District indicate they would want to share in the cost of the casing. Assuming both Districts want to participate in the project, there would need to be installed a 3 to 4 foot diameter casing under Bothell Way. Splitting the cost of the bored crossing between the two district, and including additional piping for North City Water District to connect to both side of the existing mains would increase NCWD's total project cost to \$585,000. LFPWD's share of the casing cost would be \$310,000 for a total project cost of \$895,000. Note, this does not include any additional pipe costs for LFPWD to connect to their existing mains on either side of the crossing. If LFPWD does not participate, NCWD can use a smaller casing, 1.5 to 2 feet diameter increasing the project costs \$1,127,000.

GL Code:
 Other project names: Bothell Landing



Capital Plan - Project

2015 - Budget

Other On-going Capital Costs

Status: On-going

Locations: Various

Funding Source: Rates

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Meter, Services and Hydrant Replacements		\$ 25,500	\$ 25,750	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000	\$ 155,250	\$ 155,250
Technology Additions & Replacements		21,600	6,382	19,886	8,807	18,909	24,182	99,765	99,765
Major Maintenance - Leak Program			13,658	14,204	14,772			42,634	42,634
Total Costs		\$ 47,100	\$ 45,790	\$ 60,090	\$ 49,579	\$ 44,909	\$ 50,182	\$ 297,649	\$ 297,649

Project description: The replacement of smaller capital infrastructure, such as meters, services, and hydrants, equipment, and computers and software, is an on-going capital cost for the District. Maintenance projects that potentially increase the life of existing infrastructure are also classified as capital costs. A planned major maintenance program for the repair of leaks in the North City Reservoir is one such project.

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

GL Code:

Other project names:



Vehicle Replacement Plan



Vehicle Replacement Plan

2015 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2015 Costs	2015	2016	2017	2018	2019	2020	TOTAL
Unit # 1 2007 Intern't Vac-Con 5204	2009	10	2019	\$ 400,000	-	-	-	-	400,000	-	\$ 400,000
Unit # 2 2010 F-150 P/U	2010	10	2020	\$ 30,000	-	-	-	-	-	30,000	\$ 30,000
Unit # 3 2010 F-150 P/U	2010	10	2020	\$ 30,000	-	-	-	-	-	30,000	\$ 30,000
Unit # 4 2000 Dodge P/U	2000	10	2015	\$ 30,000	30,000	-	-	-	-	-	\$ 30,000
Unit # 5 GMC 10 Yard Dump	1997	20	2017	\$ 102,000	-	-	102,000	-	-	-	\$ 102,000
Unit # 8 2010 F-150 4x4	2010	10	2020	\$ 35,000	-	-	-	-	-	35,000	\$ 35,000
Unit # 15 2001 Chevy P/U	2001	10	2015	\$ 35,000	35,000	-	-	-	-	-	\$ 35,000
Unit # 17 2007 Intern'l 5 Yard Dump	2007	15	2022	\$ 92,000	-	-	-	-	-	-	\$ -
Unit # 18 2013 F-350 Service Body	2013	15	2028	\$ 56,000	-	-	-	-	-	-	\$ -
Unit # 19 2013 F-150 P/U	2013	10	2023	\$ 90,000	-	-	-	-	-	-	\$ -
Unit # 20 F-550 Service Van	2013	15	2028	\$ 93,000	-	-	-	-	-	-	\$ -
2000 Durango	2000	10	2015	\$ 35,000	35,000	-	-	-	-	-	\$ 35,000
District Manager Vehicle	2015	10	2025	\$ 35,000	35,000	-	-	-	-	-	\$ 35,000
TR-1 Backhoe 1991	1991	35	2026	\$ 108,000	-	-	-	-	-	-	\$ -
TR-2 Backhoe 2003	2003	35	2038	\$ 108,000	-	-	-	-	-	-	\$ -
TOTAL				\$ 1,279,000	\$ 135,000	\$ -	\$ 102,000	\$ -	\$ 400,000	\$ 95,000	\$ 732,000

Vehicle Replacement Account	2015	2016	2017	2018	2019	2020	Total
BEGINNING BALANCE	\$ 120,000	\$ 105,500	\$ 232,083	\$ 255,884	\$ 396,281	\$ 83,514	\$ 120,000
<u>Sources:</u>							
Net Interest Earnings	1,200	1,583	4,642	6,397	11,888	2,923	28,633
Transfer from Operating Revenues	122,000	125,000	129,000	134,000	139,000	145,000	794,000
Total Sources	\$ 243,200	\$ 232,083	\$ 365,724	\$ 396,281	\$ 547,169	\$ 231,437	\$ 942,633
<u>Uses:</u>							
Unit # 1 2007 Intern't Vac-Con 5204	-	-	-	-	(463,655)	-	(463,655)
Unit # 2 2010 F-150 P/U	-	-	-	-	-	(36,165)	(36,165)
Unit # 3 2010 F-150 P/U	-	-	-	-	-	(36,165)	(36,165)
Unit # 4 2000 Dodge P/U	(30,600)	-	-	-	-	-	(30,600)
Unit # 5 GMC 10 Yard Dump	-	-	(109,840)	-	-	-	(109,840)
Unit # 8 2010 F-150 4x4	-	-	-	-	-	(42,193)	(42,193)
Unit # 15 2001 Chevy P/U	(35,700)	-	-	-	-	-	(35,700)
Unit # 17 2007 International 5 Yard Dump	-	-	-	-	-	-	-
Unit # 18 2013 F-350 Service Body	-	-	-	-	-	-	-
Unit # 19 2013 F-150 P/U	-	-	-	-	-	-	-
Unit # 20 F-550 Service Van	-	-	-	-	-	-	-
2000 Durango	(35,700)	-	-	-	-	-	(35,700)
District Manager Vehicle	(35,700)	-	-	-	-	-	(35,700)
TR-1 Backhoe 1991	-	-	-	-	-	-	-
TR-2 Backhoe 2001	-	-	-	-	-	-	-
Total Uses	\$ (137,700)	\$ -	\$ (109,840)	\$ -	\$ (463,655)	\$ (114,523)	\$ (825,718)
ENDING BALANCE - VEHICLE REPLACEMENT ACCOUNT	\$ 105,500	\$ 232,083	\$ 255,884	\$ 396,281	\$ 83,514	\$ 116,915	\$ 116,915

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

Rationale: The District has a total of 14 vehicles and backhoes that must provide for safe, reliable, and available vehicles and equipment for first responders. District staff have identified a deferred and emergency repair fund to allow for the replacement of vehicles when it is no longer cost effective for the District to own and operate.



Vehicle Replacement Plan

2015 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2015 Costs	2021	2022	2023	2024	2025	2026	TOTAL
Unit # 1 2007 Intern't Vac-Con 5204	2009	10	2019	\$ 400,000	-	-	-	-	-	-	\$ -
Unit # 2 2010 F-150 P/U	2010	10	2020	\$ 30,000	-	-	-	-	-	-	\$ -
Unit # 3 2010 F-150 P/U	2010	10	2020	\$ 30,000	-	-	-	-	-	-	\$ -
Unit # 4 2000 Dodge P/U	2000	10	2015	\$ 30,000	-	-	-	-	30,000	-	\$ 30,000
Unit # 5 GMC 10 Yard Dump	1997	20	2017	\$ 102,000	-	-	-	-	-	-	\$ -
Unit # 8 2010 F-150 4x4	2010	10	2020	\$ 35,000	-	-	-	-	-	-	\$ -
Unit # 15 2001 Chevy P/U	2001	10	2015	\$ 35,000	-	-	-	-	35,000	-	\$ 35,000
Unit # 17 2007 Interl 5 Yard Dump	2007	15	2022	\$ 92,000	-	92,000	-	-	-	-	\$ 92,000
Unit # 18 2013 F-350 Service Body	2013	15	2028	\$ 56,000	-	-	-	-	-	-	\$ -
Unit # 19 2013 F-150 P/U	2013	10	2023	\$ 90,000	-	-	90,000	-	-	-	\$ 90,000
Unit # 20 F-550 Service Van	2013	15	2028	\$ 93,000	-	-	-	-	-	-	\$ -
2000 Durango	2000	10	2015	\$ 35,000	-	-	-	-	35,000	-	\$ 35,000
District Manager Vehicle	2015	10	2025	\$ 35,000	-	-	-	-	35,000	-	\$ 35,000
TR-1 Backhoe 1991	1991	35	2026	\$ 108,000	-	-	-	-	-	108,000	\$ 108,000
TR-2 Backhoe 2003	2003	35	2038	\$ 108,000	-	-	-	-	-	-	\$ -
TOTAL				\$ 1,279,000	\$ -	\$ 92,000	\$ 90,000	\$ -	\$ 135,000	\$ 108,000	\$ 425,000

Vehicle Replacement Account	2021	2022	2023	2024	2025	2026	Total
BEGINNING BALANCE	\$ 116,915	\$ 272,007	\$ 318,571	\$ 370,678	\$ 553,652	\$ 552,028	\$ 116,915
<u>Sources:</u>							
Net Interest Earnings	4,092	9,520	11,150	12,974	19,378	19,321	76,435
Transfer from Operating Revenues	151,000	157,000	163,000	170,000	177,000	184,000	1,002,000
Total Sources	\$ 272,007	\$ 438,527	\$ 492,721	\$ 553,652	\$ 750,030	\$ 755,349	\$ 1,195,349
<u>Uses:</u>							
Unit # 1 2007 Intern't Vac-Con 5204	-	-	-	-	-	-	-
Unit # 2 2010 F-150 P/U	-	-	-	-	-	-	-
Unit # 3 2010 F-150 P/U	-	-	-	-	-	-	-
Unit # 4 2000 Dodge P/U	-	-	-	-	(44,000)	-	(44,000)
Unit # 5 GMC 10 Yard Dump	-	-	-	-	-	-	-
Unit # 8 2010 F-150 4x4	-	-	-	-	-	-	-
Unit # 15 2001 Chevy P/U	-	-	-	-	(51,334)	-	(51,334)
Unit # 17 2007 International 5 Yard Dump	-	(119,956)	-	-	-	-	(119,956)
Unit # 18 2013 F-350 Service Body	-	-	-	-	-	-	-
Unit # 19 2013 F-150 P/U	-	-	(122,042)	-	-	-	(122,042)
Unit # 20 F-550 Service Van	-	-	-	-	-	-	-
2000 Durango	-	-	-	-	(51,334)	-	(51,334)
District Manager Vehicle	-	-	-	-	(51,334)	-	(51,334)
TR-1 Backhoe 1991	-	-	-	-	-	(164,737)	(164,737)
TR-2 Backhoe 2001	-	-	-	-	-	-	-
Total Uses	\$ -	\$ (119,956)	\$ (122,042)	\$ -	\$ (198,002)	\$ (164,737)	\$ (604,738)
ENDING BALANCE - VEHICLE REPLACEMENT ACCOUNT	\$ 272,007	\$ 318,571	\$ 370,678	\$ 553,652	\$ 552,028	\$ 590,612	\$ 590,612

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

Rationale: The District has a total of 14 vehicles and backhoes that must provide for safe, reliable, and available vehicles and equipment for first responders. District staff have identified a deferred and emergency repair fund to allow for the replacement of vehicles when it is no longer cost effective for the District to own and operate.



Vehicle Replacement Plan

2015 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2015 Costs	2027	2028	2029	2030	2031	2032	TOTAL
Unit # 1 2007 Intern't Vac-Con 5204	2009	10	2019	\$ 400,000	-	-	400,000	-	-	-	\$ 400,000
Unit # 2 2010 F-150 P/U	2010	10	2020	\$ 30,000	-	-	-	30,000	-	-	\$ 30,000
Unit # 3 2010 F-150 P/U	2010	10	2020	\$ 30,000	-	-	-	30,000	-	-	\$ 30,000
Unit # 4 2000 Dodge P/U	2000	10	2015	\$ 30,000	-	-	-	-	-	-	\$ -
Unit # 5 GMC 10 Yard Dump	1997	20	2017	\$ 102,000	-	-	-	-	-	-	\$ -
Unit # 8 2010 F-150 4x4	2010	10	2020	\$ 35,000	-	-	-	35,000	-	-	\$ 35,000
Unit # 15 2001 Chevy P/U	2001	10	2015	\$ 35,000	-	-	-	-	-	-	\$ -
Unit # 17 2007 Intern'l 5 Yard Dump	2007	15	2022	\$ 92,000	-	-	-	-	-	-	\$ -
Unit # 18 2013 F-350 Service Body	2013	15	2028	\$ 56,000	-	56,000	-	-	-	-	\$ 56,000
Unit # 19 2013 F-150 P/U	2013	10	2023	\$ 90,000	-	-	-	-	-	-	\$ -
Unit # 20 F-550 Service Van	2013	15	2028	\$ 93,000	-	93,000	-	-	-	-	\$ 93,000
2000 Durango	2000	10	2015	\$ 35,000	-	-	-	-	-	-	\$ -
District Manager Vehicle	2015	10	2025	\$ 35,000	-	-	-	-	-	-	\$ -
TR-1 Backhoe 1991	1991	35	2026	\$ 108,000	-	-	-	-	-	-	\$ -
TR-2 Backhoe 2003	2003	35	2038	\$ 108,000	-	-	-	-	-	-	\$ -
TOTAL				\$ 1,279,000	\$ -	\$ 149,000	\$ 400,000	\$ 95,000	\$ -	\$ -	\$ 644,000
Vehicle Replacement Account					2027	2028	2029	2030	2031	2032	Total
BEGINNING BALANCE					\$ 590,612	\$ 802,283	\$ 783,541	\$ 331,642	\$ 388,728	\$ 626,333	\$ 590,612
<u>Sources:</u>											
Net Interest Earnings					20,671	28,080	27,424	11,607	13,605	21,922	123,310
Transfer from Operating Revenues					191,000	199,000	207,000	215,000	224,000	233,000	1,269,000
Total Sources					\$ 802,283	\$ 1,029,363	\$ 1,017,965	\$ 558,250	\$ 626,333	\$ 881,255	\$ 1,982,922
<u>Uses:</u>											
Unit # 1 2007 Intern't Vac-Con 5204					-	-	(686,323)	-	-	-	(686,323)
Unit # 2 2010 F-150 P/U					-	-	-	(53,533)	-	-	(53,533)
Unit # 3 2010 F-150 P/U					-	-	-	(53,533)	-	-	(53,533)
Unit # 4 2000 Dodge P/U					-	-	-	-	-	-	-
Unit # 5 GMC 10 Yard Dump					-	-	-	-	-	-	-
Unit # 8 2010 F-150 4x4					-	-	-	(62,455)	-	-	(62,455)
Unit # 15 2001 Chevy P/U					-	-	-	-	-	-	-
Unit # 17 2007 International 5 Yard Dump					-	-	-	-	-	-	-
Unit # 18 2013 F-350 Service Body					-	(92,390)	-	-	-	-	(92,390)
Unit # 19 2013 F-150 P/U					-	-	-	-	-	-	-
Unit # 20 F-550 Service Van					-	(153,433)	-	-	-	-	(153,433)
2000 Durango					-	-	-	-	-	-	-
District Manager Vehicle					-	-	-	-	-	-	-
TR-1 Backhoe 1991					-	-	-	-	-	-	-
TR-2 Backhoe 2001					-	-	-	-	-	-	-
Total Uses					\$ -	\$ (245,822)	\$ (686,323)	\$ (169,522)	\$ -	\$ -	\$ (1,101,667)
ENDING BALANCE - VEHICLE REPLACEMENT ACCOUNT					\$ 802,283	\$ 783,541	\$ 331,642	\$ 388,728	\$ 626,333	\$ 881,255	\$ 881,255

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

Rationale: The District has a total of 14 vehicles and backhoes that must provide for safe, reliable, and available vehicles and equipment for first responders. District staff have identified a deferred and emergency repair fund to allow for the replacement of vehicles when it is no longer cost effective for the District to own and operate.



Vehicle Replacement Plan

2015 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2015 Costs	2033	2034	2035	2036	2037	2038	TOTAL
Unit # 1 2007 Intern't Vac-Con 5204	2009	10	2019	\$ 400,000	-	-	-	-	-	-	\$ -
Unit # 2 2010 F-150 P/U	2010	10	2020	\$ 30,000	-	-	-	-	-	-	\$ -
Unit # 3 2010 F-150 P/U	2010	10	2020	\$ 30,000	-	-	-	-	-	-	\$ -
Unit # 4 2000 Dodge P/U	2000	10	2015	\$ 30,000	-	-	30,000	-	-	-	\$ 30,000
Unit # 5 GMC 10 Yard Dump	1997	20	2017	\$ 102,000	-	-	-	-	102,000	-	\$ 102,000
Unit # 8 2010 F-150 4x4	2010	10	2020	\$ 35,000	-	-	-	-	-	-	\$ -
Unit # 15 2001 Chevy P/U	2001	10	2015	\$ 35,000	-	-	35,000	-	-	-	\$ 35,000
Unit # 17 2007 Interl 5 Yard Dump	2007	15	2022	\$ 92,000	-	-	-	-	92,000	-	\$ 92,000
Unit # 18 2013 F-350 Service Body	2013	15	2028	\$ 56,000	-	-	-	-	-	-	\$ -
Unit # 19 2013 F-150 P/U	2013	10	2023	\$ 90,000	90,000	-	-	-	-	-	\$ 90,000
Unit # 20 F-550 Service Van	2013	15	2028	\$ 93,000	-	-	-	-	-	-	\$ -
2000 Durango	2000	10	2015	\$ 35,000	-	-	35,000	-	-	-	\$ 35,000
District Manager Vehicle	2015	10	2025	\$ 35,000	-	-	35,000	-	-	-	\$ 35,000
TR-1 Backhoe 1991	1991	35	2026	\$ 108,000	-	-	-	-	-	-	\$ -
TR-2 Backhoe 2003	2003	35	2038	\$ 108,000	-	-	-	-	-	108,000	\$ 108,000
TOTAL				\$ 1,279,000	\$ 90,000	\$ -	\$ 135,000	\$ -	\$ 194,000	\$ 108,000	\$ 527,000

Vehicle Replacement Account	2033	2034	2035	2036	2037	2038	Total
BEGINNING BALANCE	\$ 881,255	\$ 973,446	\$ 1,259,517	\$ 1,272,509	\$ 1,589,047	\$ 1,472,113	\$ 881,255
<u>Sources:</u>							
Net Interest Earnings	30,844	34,071	44,083	44,538	55,617	51,524	260,676
Transfer from Operating Revenues	242,000	252,000	262,000	272,000	283,000	294,000	1,605,000
Total Sources	\$ 1,154,099	\$ 1,259,517	\$ 1,565,600	\$ 1,589,047	\$ 1,927,664	\$ 1,817,637	\$ 2,746,931
<u>Uses:</u>							
Unit # 1 2007 Intern't Vac-Con 5204	-	-	-	-	-	-	-
Unit # 2 2010 F-150 P/U	-	-	-	-	-	-	-
Unit # 3 2010 F-150 P/U	-	-	-	-	-	-	-
Unit # 4 2000 Dodge P/U	-	-	(65,131)	-	-	-	(65,131)
Unit # 5 GMC 10 Yard Dump	-	-	-	-	(239,516)	-	(239,516)
Unit # 8 2010 F-150 4x4	-	-	-	-	-	-	-
Unit # 15 2001 Chevy P/U	-	-	(75,986)	-	-	-	(75,986)
Unit # 17 2007 International 5 Yard Dump	-	-	-	-	(216,034)	-	(216,034)
Unit # 18 2013 F-350 Service Body	-	-	-	-	-	-	-
Unit # 19 2013 F-150 P/U	(180,653)	-	-	-	-	-	(180,653)
Unit # 20 F-550 Service Van	-	-	-	-	-	-	-
2000 Durango	-	-	(75,986)	-	-	-	(75,986)
District Manager Vehicle	-	-	(75,986)	-	-	-	(75,986)
TR-1 Backhoe 1991	-	-	-	-	-	-	-
TR-2 Backhoe 2001	-	-	-	-	-	(263,750)	(263,750)
Total Uses	\$ (180,653)	\$ -	\$ (293,091)	\$ -	\$ (455,551)	\$ (263,750)	\$ (1,193,044)
ENDING BALANCE - VEHICLE REPLACEMENT ACCOUNT	\$ 973,446	\$ 1,259,517	\$ 1,272,509	\$ 1,589,047	\$ 1,472,113	\$ 1,553,887	\$ 1,553,887

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

Rationale: The District has a total of 14 vehicles and backhoes that must provide for safe, reliable, and available vehicles and equipment for first responders. District staff have identified a deferred and emergency repair fund to allow for the replacement of vehicles when it is no longer cost effective for the District to own and operate.



Debt Service



Debt Service Schedule

2015 - Budget

Year	2011 Revenue Bond \$9,865,000		PWTF Loan	DWSRF Loan	COMBINED	CAPITALIZED INTEREST	NET DEBT SERVICE
	Principal	Interest	Prin & Int	Est. Prin & Int	ANNUAL DEBT SERVICE		
2012	\$ 480,000	\$ 201,014	\$ 84,692		\$ 765,706		\$ 765,706
2013	510,000	256,448	83,536		849,984		849,984
2014	520,000	246,248	50,031		816,279	(165,000)	651,279
2015	525,000	235,848		25,583	786,431	(165,000)	621,431
2016	540,000	225,348		230,797	996,145	(165,000)	831,145
2017	555,000	214,548		230,797	1,000,345	(165,000)	835,345
2018	565,000	203,448		230,797	999,245	(165,000)	834,245
2019	580,000	192,148		230,797	1,002,945	(165,000)	837,945
2020	395,000	179,098		230,797	804,895	(165,000)	639,895
2021	405,000	169,223		230,797	805,020	(165,000)	640,020
2022	415,000	159,098		230,797	804,895		804,895
2023	430,000	147,685		230,797	808,482		808,482
2024	440,000	134,785		230,797	805,582		805,582
2025	455,000	121,585		230,797	807,382		807,382
2026	465,000	107,935		230,797	803,732		803,732
2027	480,000	93,985		230,797	804,782		804,782
2028	500,000	77,185		230,797	807,982		807,982
2029	515,000	58,435		230,797	804,232		804,232
2030	535,000	40,925		230,797	806,722		806,722
2031	555,000	22,200		230,797	807,997		807,997
2032				230,797	230,797		230,797
2033				230,797	230,797		230,797
2034				230,797	230,797		230,797
2035				205,214	205,214		205,214
2036					-		
TOTAL	\$ 9,865,000	\$ 3,087,189	\$ 218,260	\$ 4,615,940	\$ 17,786,389	\$ (1,320,000)	\$ 16,466,389



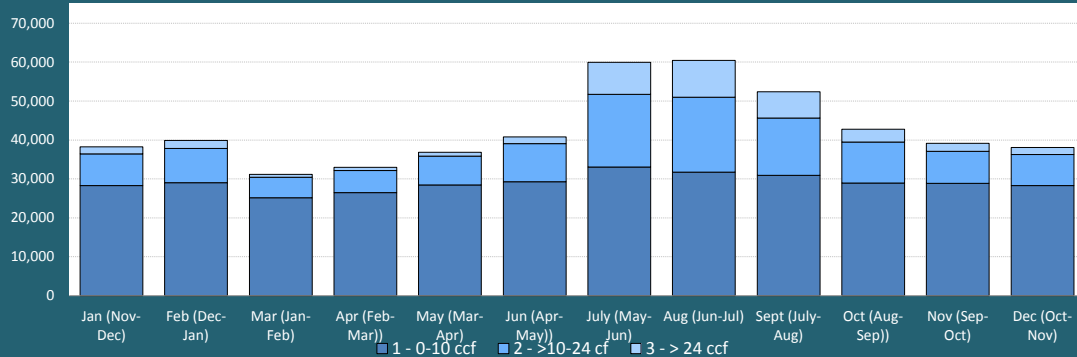
Revenues

2015 Base Year Usage Determination

2015 - Budget

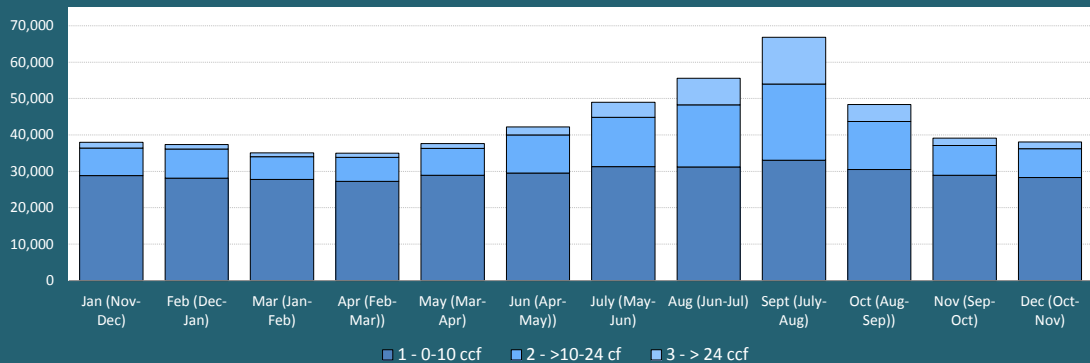
The usage from 2014 will be used for the base year 2015 usage because the lower usage in 2014, even with a hotter summer, is consistent with the declining usage pattern since 2003. See the following page.

Single Family Usage - 2014



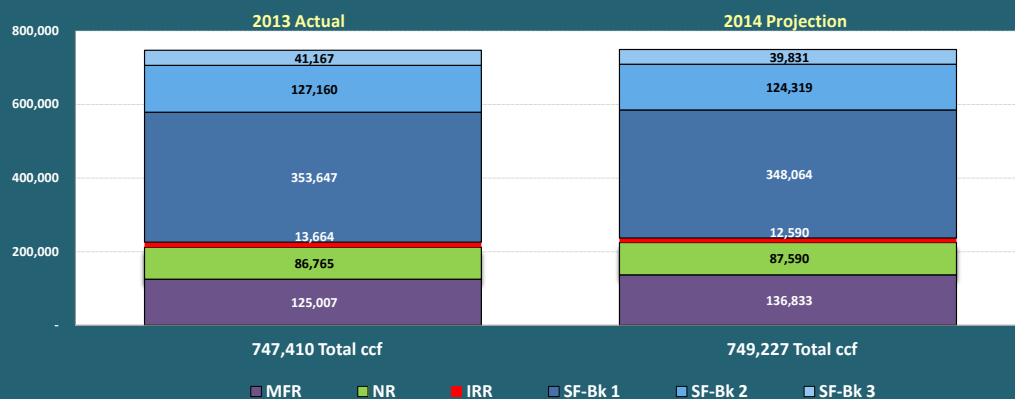
BLOCKS	Jan (Nov-Dec)	Feb (Dec-Jan)	Mar (Jan-Feb)	Apr (Feb-Mar)	May (Mar-Apr)	Jun (Apr-May)	July (May-Jun)	Aug (Jun-Jul)	Sept (July-Aug)	Oct (Aug-Sept)	Nov (Sep-Oct)	Dec (Oct-Nov)	Total
1 - 0-10 ccf	28,291	29,019	25,183	26,491	28,428	29,313	33,016	31,753	30,878	28,947	28,901	28,301	348,521
2 - >10-24 ccf	8,102	8,770	5,263	5,646	7,442	9,726	18,729	19,220	14,722	10,538	8,181	7,952	124,291
3 - > 24 ccf	1,822	2,073	758	848	1,009	1,764	8,229	9,435	6,747	3,260	2,061	1,793	39,799
Total	38,215	39,862	31,204	32,985	36,879	40,803	59,974	60,408	52,347	42,745	39,143	38,046	512,611

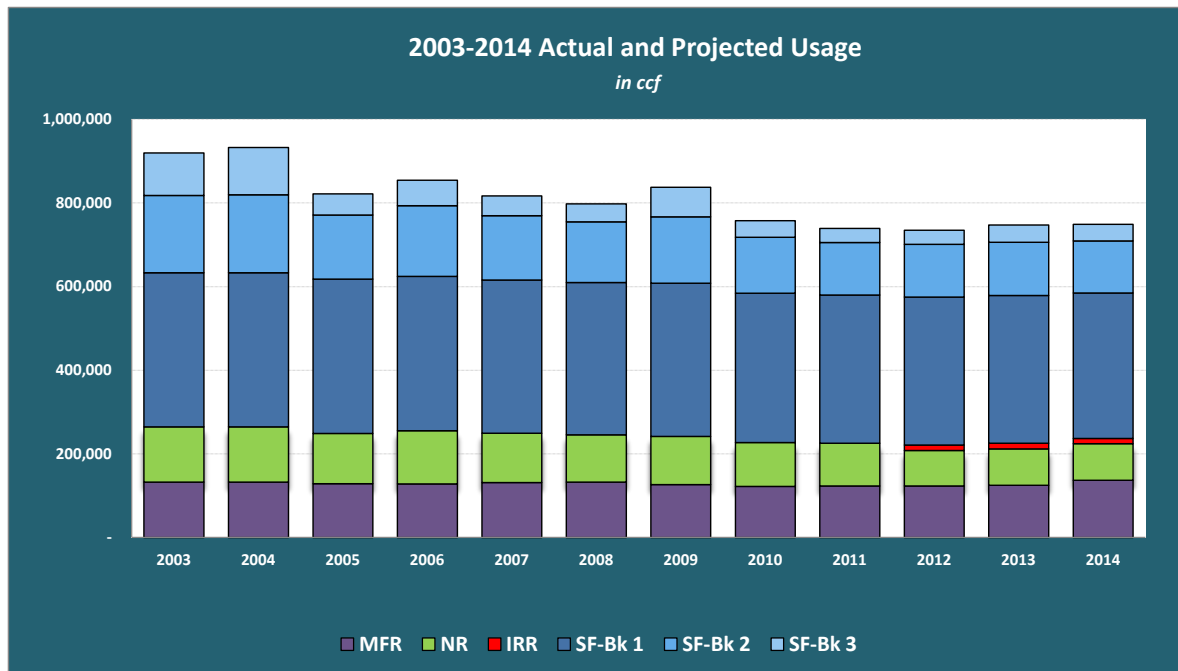
Single Family Usage - 2013



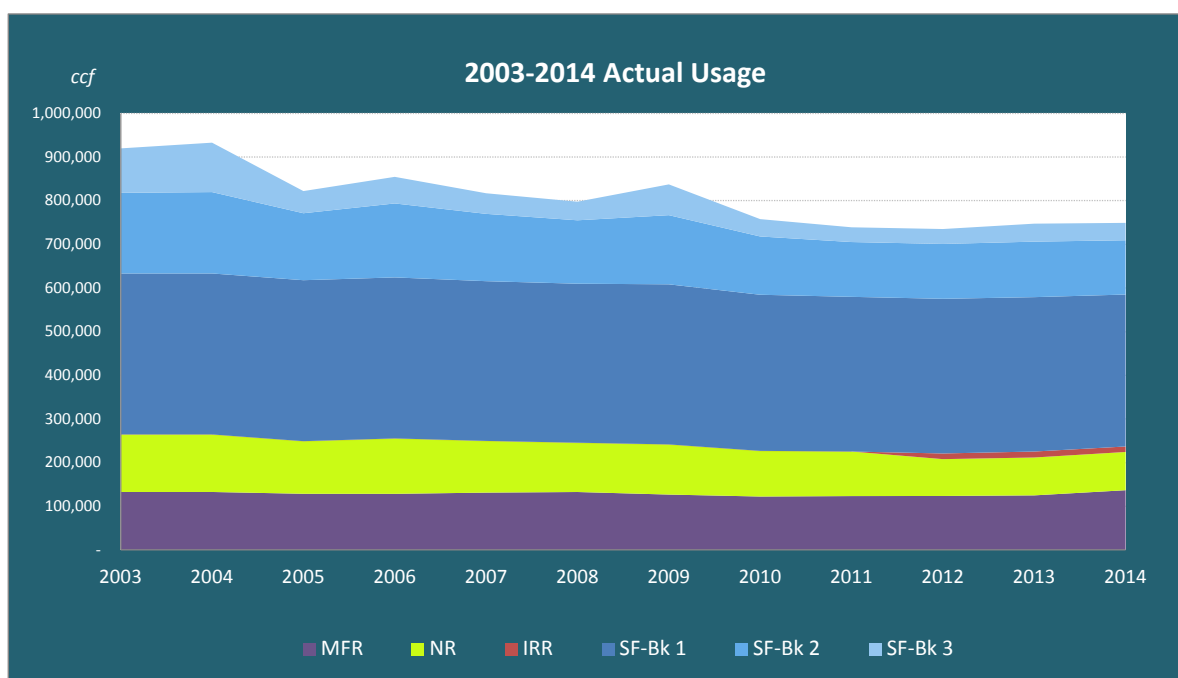
BLOCKS	Jan (Nov-Dec)	Feb (Dec-Jan)	Mar (Jan-Feb)	Apr (Feb-Mar)	May (Mar-Apr)	Jun (Apr-May)	July (May-Jun)	Aug (Jun-Jul)	Sept (July-Aug)	Oct (Aug-Sept)	Nov (Sep-Oct)	Dec (Oct-Nov)	Total
1 - 0-10 ccf	28,846	28,126	27,789	27,264	28,879	29,532	31,313	31,181	33,054	30,461	28,901	28,301	353,647
2 - >10-24 ccf	7,522	7,992	6,261	6,622	7,459	10,450	13,508	17,077	20,907	13,229	8,181	7,952	127,160
3 - > 24 ccf	1,569	1,231	1,000	1,081	1,262	2,175	4,165	7,321	12,841	4,668	2,061	1,793	41,167
Total	37,937	37,349	35,050	34,967	37,600	42,157	48,986	55,579	66,802	48,358	39,143	38,046	521,974

2013 and 2014 Total Usage - in ccf





CLASS / BLOCKS	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
IRR				-	-	-	-	-	-	13,000	13,664	12,590
NR	131,817	131,817	120,507	126,919	118,429	112,958	114,875	104,599	102,056	84,361	86,765	87,590
MFR	132,773	132,773	128,656	128,546	131,322	132,711	126,857	122,364	123,387	123,648	125,007	136,833
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	39,831
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	124,319
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	348,064
TOTAL	919,832	932,937	822,044	854,631	817,067	797,719	837,376	757,805	739,087	735,115	747,410	749,227



The same data shown in an area graph, shows clearly the declining usage pattern over time.



2015 Revenue Requirement Increase

2015 - Budget

Projected 2015 Costs (Needs/Uses):

Purchased Water:	\$ 1,446,194
Salaries and Benefits	1,450,653
Administration and O&M	848,669
Taxes	333,401
Franchise Fees	350,669
Debt Service	621,711
Capital Transfer	1,100,000
CIC Transfer	248,730
Vehicle Replacement Contribution	122,000
Additions to (Use of) Reserves	<u>(\$0)</u>

Total Projected 2015 Costs (Needs/Uses) 6,522,028

Less Interest Earnings	(12,433)
Less Other Revenue (<i>Late Fees, Rents, etc.</i>)	(384,280)

Rate Revenues Required in 2015 (*Revenue Requirement*) \$ 6,125,315

Less Projected Revenues at 2014 Existing Rates (5,946,908)

Revenue Short Fall \$ 178,407

% Rate Revenue Increase Needed in 2015 3.00%

	Summary of Service & Other Revenue				
	2015 - Budget				
	Base & Usage Revenue	CIC Revenue	ERU Revenue	Franchise Fee Revenue	Total Revenue
Revenue - 2014					
SERVICE REVENUE					
SINGLE FAMILY	\$ 3,686,407	\$ 137,827	\$ 178,777	\$ 245,830	\$ 4,248,842
MULTI - FAMILY	690,398	51,649	66,986	48,484	857,517
TOTAL NON-SINGLE FAMILY					-
Commercial	310,856	27,438	35,519	22,204	396,018
Municipal	51,414	15,294	19,787	5,098	91,593
Wholesale	141,362	8,650	11,191	3,250	164,453
TOTAL NON-SF	503,633	51,382	66,496	30,552	652,063
IRRIGATION	109,678	615	71	7,194	117,559
FIRELINES	66,694	13	17	4,204	70,926
TOTAL SERVICE REVENUE	5,056,810	241,486	312,348	336,265	5,946,908
OTHER REVENUE	375,085				375,085
Total Revenue - 2014	\$ 5,431,895	\$ 241,486	\$ 312,348	\$ 336,265	\$ 6,321,993
Revenue Increase Needed					
SERVICE REVENUE					
SINGLE FAMILY	\$ 110,592	\$ 4,135	\$ 5,363	\$ 7,375	\$ 127,465
MULTI - FAMILY	20,712	1,549	2,010	1,455	25,726
NON-SINGLE FAMILY	-	-	-	-	-
Commercial	9,326	823	1,066	666	11,881
Municipal	1,542	459	594	153	2,748
Wholesale	4,241	259	336	98	4,934
TOTAL NON-SINGLE FAMILY	15,109	1,541	1,995	917	19,562
IRRIGATION	3,290	18	2	216	3,527
FIRELINES	2,001	0	0	126	2,128
TOTAL SERVICE REVENUE	151,704	7,245	9,370	10,088	178,407
TOTAL OTHER REVENUE	21,627	-	-	-	21,627
Total Revenue Increase	\$ 173,332	\$ 7,245	\$ 9,370	\$ 10,088	\$ 200,035
Revenue - 2015					
SERVICE REVENUE					
SINGLE FAMILY	\$ 3,796,999	\$ 141,962	\$ 184,141	\$ 253,205	\$ 4,376,307
MULTI - FAMILY	711,110	53,199	68,996	49,939	883,243
NON-SINGLE FAMILY	-	-	-	-	-
Commercial	320,182	28,261	36,585	22,870	407,898
Municipal	52,957	15,753	20,380	5,251	94,341
Wholesale	145,603	8,909	11,526	3,348	169,386
TOTAL NON-SINGLE FAMILY	518,742	52,923	68,491	31,469	671,625
IRRIGATION	112,969	634	73	7,410	121,086
FIRELINES	68,694	13	17	4,330	73,054
TOTAL SERVICE REVENUE	5,208,514	248,730	321,718	346,353	6,125,315
TOTAL OTHER REVENUE	396,713				396,713
Total Revenue - 2015	\$ 5,605,227	\$ 248,730	\$ 321,718	\$ 346,353	\$ 6,522,028



Rates



2015 Water Rates & Charges

2015 - Budget

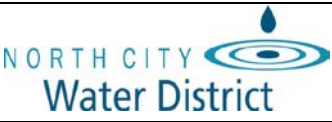
Meter Size		Base Rate		Water Usage Charge			CIC & ERU	
Rate Code	Single Family Residential or Open Air Condominium <i>BI-MONTHLY</i>			Usage 0 to 10 CCF	Usage 11 to 24 CCF	Usage 25 and > CCF	CIC	ERU
158	5/8 / 3/4	\$ 45.89		\$ 2.79	\$ 4.27	\$ 5.75	\$ 3.09	\$ 3.99
101	1"	87.87		2.79	4.27	5.75	\$ 3.09	\$ 3.99
115	1 1/2"	155.01		2.79	4.27	5.75	\$ 3.09	\$ 3.99
102	2"	242.12		2.79	4.27	5.75	\$ 3.09	\$ 3.99
Rate Code	1" Flow-Through Residential Meters (domestic and fire protection) <i>Billed Bi-Monthly</i>			Usage 0 to 10 CCF	Usage 11 to 24 CCF	Usage 25 > CCF		
159	1"	\$ 45.89		\$ 2.79	\$ 4.27	\$ 5.75		
Rate Code	Multifamily Residential <i>BI-MONTHLY</i>			Usage Threshold	Water Use Charge		CIC per dwelling	ERU per dwelling
558	5/8 / 3/4	\$ 45.89		0 and > CCF	\$ 3.41		\$ 3.09	\$ 3.99
501/521	1"	87.87		0 and > CCF	3.41		\$ 3.09	\$ 3.99
515/525	1 1/2"	155.01		0 and > CCF	3.41		\$ 3.09	\$ 3.99
502/522	2"	242.12		0 and > CCF	3.41		\$ 3.09	\$ 3.99
503/523	3"	529.04		0 and > CCF	3.41		\$ 3.09	\$ 3.99
Rate Code	Number of Dwellings	Multifamily Residential <i>BI-MONTHLY/MONTHLY</i>		Usage Threshold	Water Use Charge		CIC per dwelling	ERU per dwelling
504/524	4"	787.23	393.61	0 and > CCF	\$ 3.41		\$ 3.09	\$ 3.99
506/526	6"	1,490.32	745.16	0 and > CCF	3.41		\$ 3.09	\$ 3.99
Rate Code	Non Residential - Commercial <i>BI-MONTHLY</i>			Usage Threshold	Water Use Charge		CIC per dwelling	ERU per dwelling
458	5/8 / 3/4	\$ 45.89		0 and > CCF	\$ 4.04		\$ 3.09	\$ 3.99
401	1"	87.87		0 and > CCF	4.04		\$ 3.09	\$ 3.99
415	1 1/2"	155.01		0 and > CCF	4.04		\$ 3.09	\$ 3.99
402	2"	242.12		0 and > CCF	4.04		\$ 3.09	\$ 3.99
403	3"	529.04		0 and > CCF	4.04		\$ 3.09	\$ 3.99
404	4"	787.23		0 and > CCF	4.04		\$ 3.09	\$ 3.99
406	6"	1,490.32		0 and > CCF	4.04		\$ 3.09	\$ 3.99
408	8"	2,329.80		0 and > CCF	4.04		\$ 3.09	\$ 3.99
Rate Code	Non Residential - Municipal <i>BI-MONTHLY/MONTHLY</i>			Usage Threshold	Water Use Charge		CIC per dwelling	ERU per dwelling
118	5/8 / 3/4	45.89	\$ 22.94	0 and > CCF	\$ 4.04		\$ 3.09	\$ 3.99
111	1"	87.87	43.93	0 and > CCF	4.04		\$ 3.09	\$ 3.99
119	1 1/2"	155.01	77.51	0 and > CCF	4.04		\$ 3.09	\$ 3.99
112	2"	242.12	121.06	0 and > CCF	4.04		\$ 3.09	\$ 3.99
113	3"	529.04	264.52	0 and > CCF	4.04		\$ 3.09	\$ 3.99
114	4"	787.23	393.61	0 and > CCF	4.04		\$ 3.09	\$ 3.99
Rate Code	Non Residential - Wholesale <i>BI-MONTHLY/MONTHLY</i>			Usage Threshold	Water Use Charge	Rate Code	CIC per dwelling	ERU per dwelling
626	6"	\$ 1,490.32	745.16	0 and > CCF	4.04	606	\$ 3.09	\$ 3.99
628	8"	\$ 2,329.80	1,164.90	0 and > CCF	4.04	608	\$ 3.09	\$ 3.99
Rate Code	LIFE SAVING MEDICAL TREATMENT Single Family Residential or Open Air Condominium <i>BI-MONTHLY</i>			Usage 0-10 CCF	Usage 11-24 CCF	Usage 25 and > CCF	CIC per dwelling	ERU per dwelling
358	5/8 / 3/4	\$ 45.89		\$ 2.79	\$ 4.27	\$ 5.75	\$ 3.09	\$ 3.99
301	1"	87.87		2.79	4.27	5.75	\$ 3.09	\$ 3.99
315	1 1/2"	155.01		2.79	4.27	5.75	\$ 3.09	\$ 3.99
302	2"	242.12		2.79	4.27	5.75	\$ 3.09	\$ 3.99
Rate Code	Fire Sprinkler Service <i>BI-MONTHLY/MONTHLY</i>							
F10	1.0"	\$ 24.97	\$ 12.48					
F15	1.5"	29.19	14.59					
F20	2"	40.80	20.40					
F30	3"	126.39	63.19					
F40	4"	158.10	79.05					
F60	6"	232.07	116.03					
F80	8"	316.59	158.30					
Rate Code	Irrigation <i>BI-MONTHLY/MONTHLY</i>			Usage Threshold	Water Use Charge		CIC per dwelling	ERU per dwelling
258/258	5/8 / 3/4	\$ 64.24	\$ 32.12	0 and > CCF	\$ 5.75		\$ 3.09	\$ 3.99
211/211	1"	133.76	66.88	0 and > CCF	5.75		\$ 3.09	\$ 3.99
215/215	1 1/2"	246.78	123.39	0 and > CCF	5.75		\$ 3.09	\$ 3.99
202/202	2"	388.96	194.48	0 and > CCF	5.75		\$ 3.09	\$ 3.99
203/203	3"	822.72	411.36	0 and > CCF	5.75		\$ 3.09	\$ 3.99
204/204	4"	1,246.07	623.04	0 and > CCF	5.75		\$ 3.09	\$ 3.99
206/206	6"	2,408.02	1,204.01	0 and > CCF	5.75		\$ 3.09	\$ 3.99
208/208	8"	3,798.14	1,899.07	0 and > CCF	5.75		\$ 3.09	\$ 3.99

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

	Bi-Monthly Bill Comparisons					
	2015 - Budget					
DISTRICT/CITY	Winter Usage - 8 CCF			Summer Usage - 12 CCF		
	Base Rate	Usage	Total	Base Rate	Usage	Total
Alderwood WWD	\$ 29.90	\$ 9.60	\$ 39.50	\$ 29.90	\$ 19.20	\$ 49.10
City of Edmonds	\$ 24.14	\$ 20.08	\$ 44.22	\$ 24.14	\$ 30.12	\$ 54.26
Olympic View Water & Sewer District-Winter	\$ 31.85	\$ 15.44	\$ 47.29	\$ 31.85	\$ 23.16	\$ 55.01
Olympic View Water & Sewer District-Summer	\$ 31.85	\$ 17.20	\$ 49.05	\$ 31.85	\$ 25.80	\$ 57.65
Northeast Sammamish	\$ 35.20	\$ 19.60	\$ 54.80	\$ 35.20	\$ 29.40	\$ 64.60
Northshore Utility District	\$ 27.00	\$ 24.00	\$ 51.00	\$ 27.00	\$ 38.00	\$ 65.00
City of Kirkland	\$ 36.32	\$ 17.44	\$ 53.76	\$ 36.32	\$ 34.88	\$ 71.20
Highline Water District-Winter	\$ 28.80	\$ 28.40	\$ 57.20	\$ 28.80	\$ 42.60	\$ 71.40
Highline Water District-Summer	\$ 28.80	\$ 30.35	\$ 59.15	\$ 28.80	\$ 47.15	\$ 75.95
Lake Forest Park Water District	\$ 37.00	\$ 24.00	\$ 61.00	\$ 37.00	\$ 36.00	\$ 73.00
Skyway Water & Sewer District	\$ 32.90	\$ 29.20	\$ 62.10	\$ 32.90	\$ 43.80	\$ 76.70
City of Bellevue	\$ 35.74	\$ 28.56	\$ 64.30	\$ 35.74	\$ 42.84	\$ 78.58
Woodinville Water District - Winter	\$ 39.00	\$ 28.32	\$ 67.32	\$ 39.00	\$ 46.50	\$ 85.50
Woodinville Water District - Summer	\$ 39.00	\$ 33.96	\$ 72.96	\$ 39.00	\$ 58.10	\$ 97.10
Seattle Public Utilities-Inside Seattle-off peak-winter	\$ 27.50	\$ 39.92	\$ 67.42	\$ 27.50	\$ 59.88	\$ 87.38
Seattle Public Utilities-Outside seattle-off peak-winter	\$ 31.40	\$ 45.52	\$ 76.92	\$ 31.40	\$ 68.28	\$ 99.68
Seattle Public Utilities-Shoreline & Lake Forest Park-off peak-winter	\$ 33.40	\$ 48.40	\$ 81.80	\$ 33.40	\$ 72.60	\$ 106.00
Seattle Public Utilities-Inside Seattle-peak-summer	\$ 27.50	\$ 44.67	\$ 72.17	\$ 27.50	\$ 70.03	\$ 97.53
Seattle Public Utilities-Outside Seattle-peak-summer	\$ 31.40	\$ 50.94	\$ 82.34	\$ 31.40	\$ 79.86	\$ 111.26
Seattle Public Utilities-Shoreline & Lake Forest Park- peak-summer	\$ 33.40	\$ 54.17	\$ 87.57	\$ 33.40	\$ 84.93	\$ 118.33
North City Water District - 2014	\$ 55.81	\$ 21.68	\$ 77.49	\$ 56.63	\$ 35.40	\$ 92.03
North City Water District - 2015 Projected	\$ 57.48	\$ 22.33	\$ 79.81	\$ 58.33	\$ 36.46	\$ 94.79
COMPUTATION OF A SINGLE FAMILY BI-MONTHLY WATER BILL FOR NCWD						
Base Charge	2014 Bi-Monthly Bill		2015 Bi-Monthly Bill			
	8 CCF	12 CCF	8 CCF	12 CCF		
Base Rate 5/8	\$ 44.55	\$ 44.55	\$ 45.89	\$ 45.89		
Fire Protection per 1 ERU	\$ 3.87	\$ 3.87	\$ 3.99	\$ 3.99		
Capital Improvement Charge PER ERU	\$ 3.00	\$ 3.00	\$ 3.09	\$ 3.09		
Franchise Fee (6% of 1+2)	\$ 4.39	\$ 5.21	\$ 4.52	\$ 5.37		
Total Base Charge	\$ 55.81	\$ 56.63	\$ 57.48	\$ 58.33		
Consumption Charge	\$ 21.68	\$ 35.40	\$ 22.33	\$ 36.46		
Total Bi-Monthly Beill	\$ 77.49	\$ 92.03	\$ 79.81	\$ 94.79		
Consumption Rates	2014	2015				
Block 1 = 0-10 ccf	\$ 2.71	\$ 2.79				
Block 2 = 11- 24 ccf	\$ 4.15	\$ 4.27				
Block 3 = over 25 ccf	\$ 5.59	\$ 5.76				



Forecasts

		Cash Flow Forecast - Alternative 1						
		2015 - Budget						
OPERATING ACCOUNT	2014	2015	2016	2017	2018	2019	2020	2015-2020
Sources:								
BEGINNING BALANCE	\$ 789,669	\$ 828,870	\$ 828,870	\$ 842,689	\$ 880,846	\$ 883,128	\$ 873,642	\$ 828,870
Rate Revenue Increase	0.0%	3.0%	3.0%	3.0%	4.7%	4.7%	4.7%	
Cumulative Rate Increase	0.0%	3.0%	6.1%	9.3%	14.4%	19.8%	25.4%	
REVENUE								
Net Interest Earnings	2,990	12,433	16,577	21,067	26,425	30,909	34,946	142,358
Total Service Revenues	6,065,938	6,247,916	6,435,354	6,628,414	6,939,950	7,266,127	7,607,635	41,125,396
Total Other Revenues	253,065	261,679	253,168	261,423	272,032	283,085	294,601	1,625,989
TOTAL REVENUE	6,321,993	6,522,028	6,705,099	6,910,904	7,238,407	7,580,122	7,937,182	42,893,744
Total Sources	\$ 7,111,662	\$ 7,350,898	\$ 7,533,969	\$ 7,753,594	\$ 8,119,254	\$ 8,463,250	\$ 8,810,824	\$ 43,722,613
Uses:								
Gen Inflation -> Labor Inflation ->		2.0% 6.0%	2.8% 4.0%	3.0% 4.0%	3.0% 4.0%	3.0% 4.0%	3.0% 4.0%	
OPERATING COSTS								
Total Admin/Planning/Cust Service/Taxes	1,998,989	\$ 1,979,711	\$ 2,038,533	\$ 2,105,132	\$ 2,225,597	\$ 2,294,130	\$ 2,397,115	13,040,218
SPU Rate Increase	0% SPU Inc	-6% SPU Inc	0% SPU Inc	0% SPU Inc	20% SPU Inc	0% SPU Inc	0% SPU Inc	
Water Purchases	1,534,077	1,446,194	1,446,194	1,446,194	1,735,433	1,735,433	1,735,433	9,544,883
All other O&M costs	986,993	1,003,681	1,053,204	1,052,187	1,289,560	1,352,825	1,353,283	7,104,740
TOTAL OPERATING COSTS	4,520,959	4,429,587	4,537,931	4,603,513	5,250,590	5,382,388	5,485,832	29,689,841
CAPITAL COSTS								
Transfer CIC Revenues to Capital	241,486	248,730	256,192	263,878	276,280	289,265	302,861	1,637,206
Transfer to Vehicle Replacement Account	120,000	122,000	125,000	129,000	134,000	139,000	145,000	794,000
Transfer to Capital in Lieu of Depreciation	800,000	1,100,000	500,000	600,000	300,000	500,000	800,000	3,800,000
Total Debt Service (Net of Capitalization)	651,280	621,711	1,272,156	1,276,356	1,275,256	1,278,956	1,080,906	6,805,340
Transfer in from PWTf Account	(50,032)	-	-	-	-	-	-	-
TOTAL CAPITAL COSTS	1,762,734	2,092,441	2,153,348	2,269,234	1,985,536	2,207,221	2,328,766	13,036,546
Total Uses	\$ 6,282,792	\$ 6,522,028	\$ 6,691,280	\$ 6,872,747	\$ 7,236,126	\$ 7,589,609	\$ 7,814,598	\$ 42,726,388
ENDING BALANCE - OPERATING ACCOUNT	\$ 828,870	\$ 828,870	\$ 842,689	\$ 880,846	\$ 883,128	\$ 873,642	\$ 996,226	\$ 996,226
CAPITAL ACCOUNT	2014	2015	2016	2017	2018	2019	2020	2015-2020
Sources:								
BEGINNING BALANCE	\$ 2,864,963	\$ 2,656,185	\$ 1,029,675	\$ 3,995,697	\$ 2,538,720	\$ 3,623,455	\$ 3,917,987	\$ 2,656,185
Transfer CIC Revenues from Operations	241,486	248,730	256,192	263,878	276,280	289,265	302,861	1,637,206
Transfer from Operations in Lieu of Depreciation	800,000	1,100,000	500,000	600,000	300,000	500,000	800,000	3,800,000
Bond Proceeds	-	-	5,000,000	-	-	-	-	5,000,000
Total Other Sources of Funds	5,553,104	2,151,144	55,467	902,155	1,063,479	69,238	70,802	4,312,286
Total Sources	\$ 9,459,553	\$ 6,156,060	\$ 6,841,334	\$ 5,761,730	\$ 4,178,480	\$ 4,481,959	\$ 5,091,650	\$ 17,405,677
Total Uses	\$ 7,504,821	\$ 5,126,385	\$ 2,845,636	\$ 3,223,010	\$ 555,024	\$ 563,972	\$ 1,339,638	\$ 13,653,665
ENDING BALANCE - CAPITAL ACCOUNT	\$ 2,656,185	\$ 1,029,675	\$ 3,995,697	\$ 2,538,720	\$ 3,623,455	\$ 3,917,987	\$ 3,752,012	\$ 3,752,012
VEHICLE REPLACEMENT ACCOUNT	2014	2015	2016	2017	2018	2019	2020	2015-2020
END BAL - VEHICLE REPLACEMENT ACCOUNT	\$ 120,000	\$ 105,500	\$ 232,083	\$ 255,884	\$ 396,281	\$ 83,514	\$ 116,915	\$ 116,915
BOND FUND	2014	2015	2016	2017	2018	2019	2020	2015-2020
ENDING BALANCE - BOND FUND	\$ 772,148	\$ 772,148	\$ 1,213,159	\$ 1,213,159	\$ 1,213,159	\$ 1,213,159	\$ 1,213,159	\$ 1,213,159
Ending Bal - All District Cash	\$ 4,377,203	\$ 2,736,192	\$ 6,283,628	\$ 4,888,610	\$ 6,116,023	\$ 6,088,302	\$ 6,078,312	\$ 6,078,312

