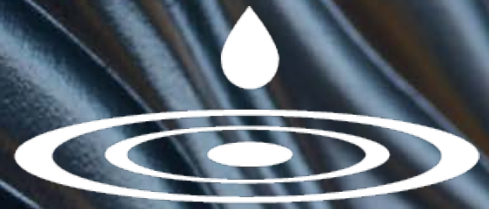


# NORTH CITY Water District



## 2016 Budget

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**Commissioners:**

Ron Ricker

Charlotte Haines

Larry Schoonmaker

**District Manager:**

Diane Pottinger, P.E.

December 15, 2015

Commissioners Haines, Ricker and Schoonmaker-

Attached please find North City Water District's Proposed Budget for 2016.

The purpose of this budget is to guide our District's decision-making over the coming year as we finalize our new North City Pump Station project and begin planning for the future design of our new maintenance building. You will see that we were able to continue operating effectively and efficiently as expected by our rate payers. At the same time, we were asking our rate payers to reduce water use which may impact our future water demand.

**Highlights of our 2015 Achievements:**

- Completed two successful audits; a Financial Audit for 2014 and an Accountability Audit for 2014 and 2015.
- Closed out several water system extension agreements.
- Made staffing changes to better fit with our organizational needs.
- Participated with Washington State Department of Health's Needs Assessment
- Actively participated with WASWD in the successful passage of ESSB 5048
- Educated our community about water supply by:
  - Successfully completing the 4th year of our Fix a Leak Challenge and funded classes hosted by Nature Vision at local schools;
  - Hosted two Savvy Gardener Classes;
  - Participated in the Healthy Kids Day YMCA, North City Jazz Walk, Ridgecrest Ice Cream Social and Celebrate Shoreline.
- Successfully updated our Wheeling Agreement with Seattle Public Utilities.
- Reinvested into our water system by:
  - Beginning construction of the North City Pump Station;
  - Completed Phase II of our Individual PRV project in the Ridgecrest Neighborhood;
  - Participated with the City of Lake Forest Park and upgraded our water main as part of the City of Lake Forest Park's NE 178th Street Project;
  - Maintained and painted over 50% of the District's fire hydrants.
- Replace the four vehicles as part of our new Vehicle Replacement Program.
- Updated nearly 50% of the District's Code.
- Actively participated with the City of Lake Forest Park in their Comprehensive Plan Update.

**Goals During the Upcoming 2016 Fiscal Year:**

- Match the fixed asset schedule with the financial statement and GIS.
- Review and update all District charges.
- Complete the update of the North City Water District Code.

*Excellence in water quality for 80 years*

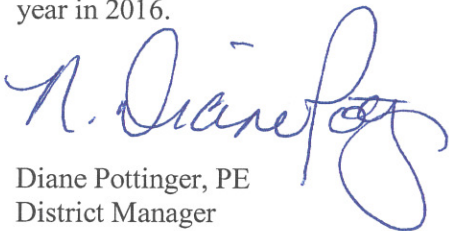
- Complete a Cost of Service Study
- Begin a new epayment system to include payments by credit card.
- Successfully complete the 2016 Financial and Single Audits
- Reinvest into our water system by:
  - Complete construction of the North City Pump Station
  - Install six new water quality sampling stations
  - Update two PRV stations
- Recalibrate the District's hydraulic model (upon completion of the North City Pump Station)
- Maintain and paint the remainder of the District's fire hydrants
- Monitor the District's Capital Fund in light of the District's future Maintenance Facility (not scheduled to begin design until 2017)
- Begin annexation of our customers along NE 178<sup>th</sup> Street, Lake Forest Park
- Complete the review and update, if needed, District's easements

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. One project, PROVAIL, will be brought to the Board at the December 15, 2015 for approval to begin.

### **Impact to Rate Payers**

Management is proposing a 3% budget increase to all of our customers to cover additional costs related to inflation and to address capital infrastructure needs.


From all of us on the Management Team, we are truly looking forward to another successful year in 2016.

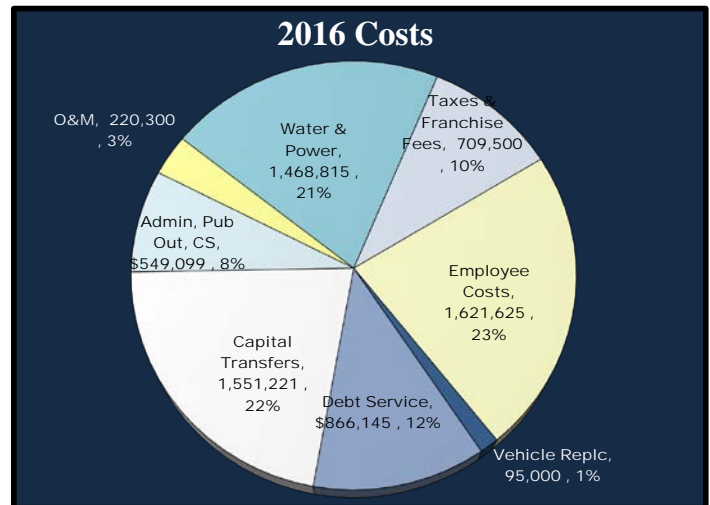
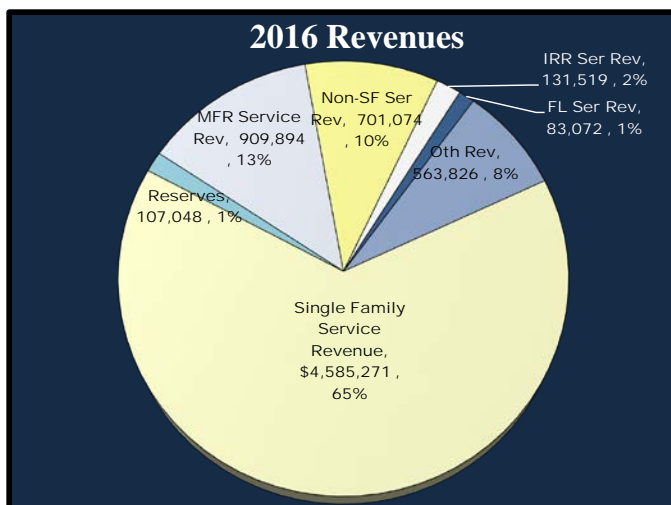


Diane Pottinger, PE  
District Manager



## **Budget at a Glance**

	Operating Budget at a Glance					
	2016 - Budget					
	2014 Actual	2015 Budget	2015 Projected Year-End	2016 Budget	Change 2016 Budget - 2015 Year-End 2014 Actual	Percent Change
<b>Revenue</b>						
SERVICE REVENUE:						
SINGLE FAMILY	\$ 4,376,307	\$ 4,376,307	\$ 4,523,489	\$ 4,585,271	\$ 61,781	1%
MULTI - FAMILY	883,243	883,243	898,736	909,894	11,157	1%
NON-RESIDENTIAL	670,818	671,625	696,163	701,074	4,911	1%
IRRIGATION	121,086	121,086	185,306	131,519	(53,787)	-44%
FIRELINES	73,054	73,054	81,031	83,072	2,041	3%
TOTAL SERVICE REVENUE	6,124,507	6,125,315	6,384,726	6,410,830	26,104	0%
OTHER REVENUE	440,337	396,713	601,088	563,826	(37,262)	-8%
<b>Total Revenue</b>	<b>\$ 6,564,844</b>	<b>\$ 6,522,028</b>	<b>\$ 6,985,814</b>	<b>\$ 6,974,656</b>	<b>\$ (11,158)</b>	<b>-0.2%</b>
<b>Costs</b>						
<b>Operating Costs</b>						
BUSINESS ADMINISTRATION	190,092	141,000	145,138	172,100	26,962	14%
PLANNING AND DEVELOPMENT	80,020	111,000	77,975	66,000	(11,976)	-15%
PUBLIC AND REGIONAL OUTREACH	57,218	65,700	55,160	61,300	6,139	11%
OFFICE AND RECORDS MANAGEMENT	234,101	178,700	188,371	189,700	1,329	1%
CUSTOMER SERVICE AND BILLING	45,996	45,200	44,983	52,100	7,117	15%
PURCHASED WATER AND POWER	1,580,707	1,466,194	1,512,300	1,468,815	(43,486)	-3%
OPERATIONS AND MAINTENANCE	229,074	220,900	251,990	220,300	(31,691)	-14%
TAXES AND FRANCHISE FEES	672,828	686,453	705,322	709,500	4,178	1%
PASS-THRU COSTS	10,853	9,300	7,802	7,900	97	1%
EMPLOYEE COSTS (Net Capitalization)	1,531,860	1,505,139	1,561,993	1,621,625	59,632	4%
<b>Total Operating Costs</b>	<b>4,632,750</b>	<b>4,429,587</b>	<b>4,551,036</b>	<b>4,569,338</b>	<b>18,302</b>	<b>0%</b>
<b>Capital Costs</b>						
DEBT SERVICE (Net of capitalization)	668,541	621,711	668,742	866,145	197,404	30%
CAPITAL TRANSFERS (CIC & In lieu of depreciation)	837,079	1,348,730	1,443,904	1,551,221	107,317	13%
VEHICLE REPLACEMENT TRANSFER	120,000	122,000	122,000	95,000	(27,000)	-23%
<b>Total Capital Costs</b>	<b>1,625,620</b>	<b>2,092,441</b>	<b>2,234,645</b>	<b>2,512,366</b>	<b>277,721</b>	<b>17%</b>
<b>Net Additions to (Use of) Reserves</b>	<b>306,475</b>	<b>(0)</b>	<b>200,133</b>	<b>(107,048)</b>	<b>(307,180)</b>	<b>n/a</b>
<b>Total Costs</b>	<b>\$ 6,564,844</b>	<b>\$ 6,522,028</b>	<b>\$ 6,985,814</b>	<b>\$ 6,974,656</b>	<b>\$ (11,158)</b>	<b>-0.2%</b>





## **Operating Costs**



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

2016 - Budget	2014	2015	2015	2016	Business	Cust	O&M	Source of	Storage	Meters &	Dist	Hydrants	Labor -
	Actual	Cash	Actual	Cash									
	Accrual	Budget	Cash	Budget		Billing	Admin	Pump					Capital
<b>BUSINESS ADMINISTRATION</b>													
Legal Services	80,427	50,000	55,225	58,000	58,000	-	-	-	-	-	-	-	-
Financial Services	20,511	17,000	17,203	20,000	20,000	-	-	-	-	-	-	-	-
Insurance	67,920	71,600	70,779	71,000	71,000	-	-	-	-	-	-	-	-
Elections	19,332	-	-	20,000	20,000	-	-	-	-	-	-	-	-
Miscellaneous & Other	1,902	2,400	1,931	3,100	3,100	-	-	-	-	-	-	-	-
<b>TOTAL BUSINESS ADMINISTRATION</b>	<b>190,092</b>	<b>141,000</b>	<b>145,138</b>	<b>172,100</b>	<b>172,100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>PLANNING &amp; DEVELOPMENT</b>													
Professional Services	80,020	110,000	75,975	65,000	65,000	-	-	-	-	-	-	-	-
Other Planning & Development	-	1,000	2,000	1,000	1,000	-	-	-	-	-	-	-	-
<b>TOTAL PLANNING &amp; DEVELOPMENT</b>	<b>80,020</b>	<b>111,000</b>	<b>77,975</b>	<b>66,000</b>	<b>66,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>PUBLIC &amp; REGIONAL OUTREACH</b>													
Regional Dues & Memberships	16,571	22,700	15,214	20,000	20,000	-	-	-	-	-	-	-	-
Newsletters/Website/Special Events	33,688	36,200	37,209	38,500	38,500	-	-	-	-	-	-	-	-
Other Public Outreach	6,959	6,800	2,738	2,800	2,800	-	-	-	-	-	-	-	-
<b>TOTAL PUBLIC &amp; REGIONAL OUTREACH</b>	<b>57,218</b>	<b>65,700</b>	<b>55,160</b>	<b>61,300</b>	<b>61,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>OFFICE &amp; RECORDS MANAGEMENT</b>													
General Office Expense	4,720	4,100	6,514	6,600	6,600	-	-	-	-	-	-	-	-
Office Supplies & Equipment	30,314	20,800	16,545	17,300	16,200	-	1,100	-	-	-	-	-	-
Computer Systems	123,308	88,300	95,785	94,800	73,600	-	21,200	-	-	-	-	-	-
Phones & Internet	15,891	14,400	18,553	19,000	12,700	-	6,300	-	-	-	-	-	-
Building & Grounds Maint & Repair	59,867	51,100	50,973	52,000	45,200	-	6,800	-	-	-	-	-	-
<b>TOTAL OFFICE &amp; RECORDS MANAGEMENT</b>	<b>234,101</b>	<b>178,700</b>	<b>188,371</b>	<b>189,700</b>	<b>154,300</b>	<b>-</b>	<b>35,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>CUSTOMER SERVICE &amp; BILLING</b>													
Billing	40,062	43,700	38,886	46,000	-	46,000	-	-	-	-	-	-	-
Reporting	5,934	1,500	6,097	6,100	-	6,100	-	-	-	-	-	-	-
<b>TOTAL CUSTOMER SERVICE &amp; BILLING</b>	<b>45,996</b>	<b>45,200</b>	<b>44,983</b>	<b>52,100</b>	<b>-</b>	<b>52,100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>PURCHASED WATER &amp; POWER</b>													
Water	1,547,687	1,446,194	1,490,236	1,446,815	-	-	-	1,446,815	-	-	-	-	-
Power	33,020	20,000	22,064	22,000	-	-	-	22,000	-	-	-	-	-
<b>TOTAL PURCHASED WATER &amp; POWER</b>	<b>1,580,707</b>	<b>1,466,194</b>	<b>1,512,300</b>	<b>1,468,815</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,468,815</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>OPERATIONS &amp; MAINTENANCE</b>													
Professional & Other Outside Service	23,578	23,500	25,222	26,000	-	-	26,000	-	-	-	-	-	-
Supplies & Materials	129,380	119,500	121,859	119,000	-	-	26,000	3,000	1,000	18,000	59,000	12,000	-
Small Tools & Equipment	12,806	21,900	15,825	10,000	-	-	10,000	-	-	-	-	-	-
Telemetry	13,576	13,600	13,810	14,000	-	-	-	14,000	-	-	-	-	-
Field Vehicle Expense	30,884	29,100	58,616	34,200	-	-	34,200	-	-	-	-	-	-
Miscellaneous	18,851	13,300	16,660	17,100	-	-	13,500	-	-	1,600	2,000	-	-
<b>TOTAL OPERATIONS &amp; MAINTENANCE</b>	<b>229,074</b>	<b>220,900</b>	<b>251,990</b>	<b>220,300</b>	<b>-</b>	<b>-</b>	<b>109,700</b>	<b>17,000</b>	<b>1,000</b>	<b>19,600</b>	<b>61,000</b>	<b>12,000</b>	<b>-</b>
<b>TAXES &amp; FRANCHISE FEES</b>													
Taxes	330,391	335,784	345,708	346,000	340,400	-	5,600	-	-	-	-	-	-
Franchise fees	342,437	350,669	359,614	363,500	363,500	-	-	-	-	-	-	-	-
<b>TOTAL TAXES &amp; FRANCHISE FEES</b>	<b>672,828</b>	<b>686,453</b>	<b>705,322</b>	<b>709,500</b>	<b>703,900</b>	<b>-</b>	<b>5,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>PASS-THRU COSTS</b>													
Street Lights/ Charge Point	10,853	9,300	7,802	7,900	7,900	-	-	-	-	-	-	-	-
<b>TOTAL PASS-THRU COSTS</b>	<b>10,853</b>	<b>9,300</b>	<b>7,802</b>	<b>7,900</b>	<b>7,900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>EMPLOYEE COSTS</b>													
Travel & Training	45,687	47,986	35,643	40,300	21,615	-	18,685	-	-	-	-	-	-
Other Employee Costs	6,469	6,500	11,245	7,500	1,200	-	6,300	-	-	-	-	-	-
Temporary Employee Costs	17,143	-	2,216	-	-	-	-	-	-	-	-	-	-
Direct Payroll Costs	1,020,482	1,196,250	1,192,826	1,210,616	418,432	150,723	311,476	16,591	13,780	30,936	60,778	48,247	159,655
Payroll Benefits	442,078	482,641	500,394	543,317	195,277	61,945	224,132	3,467	2,926	6,569	12,854	10,370	25,777
Payroll Allocations to Capital	-	(228,239)	(180,331)	(180,108)	-	-	-	-	-	-	-	-	(180,108)
<b>TOTAL EMPLOYEE COSTS</b>	<b>1,531,860</b>	<b>1,505,139</b>	<b>1,561,993</b>	<b>1,621,625</b>	<b>636,523</b>	<b>212,668</b>	<b>560,593</b>	<b>20,058</b>	<b>16,706</b>	<b>37,505</b>	<b>73,631</b>	<b>58,616</b>	<b>5,324</b>
<b>TOTAL OPERATING COSTS</b>	<b>4,632,750</b>	<b>4,429,587</b>	<b>4,551,036</b>	<b>4,569,338</b>	<b>1,802,022</b>	<b>264,768</b>	<b>711,293</b>	<b>1,505,872</b>	<b>17,706</b>	<b>57,105</b>	<b>134,631</b>	<b>70,616</b>	<b>5,324</b>





2016 - Detail Budget

	Actual Accrual	2014 Actual Accrual	2015 Cash Budget	2015 Actual Cash	2016 Cash Budget	Business Admin	Admin - To All Functions	Admin - By Customers	Admin - General	Admin - Planning	Public Outreach Commis- sioners	Public Outreach - Programs	Finance - General	Cost Service & Billing	Cost Service - General	Cost Service - Billing	Cost Service - Reporting	Field Customer Service	O&M General & Admin	O&M - General Operat- ions	O&M - Safety	Source of Supply & Pump	Source of Supply	Pumping O&M	Telemetr y 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	Hydrant	Labor - Alloc to Capital				
						Functions -				10	11	13	14	20		50	51	53	31		30	42		41	37	38		39		33	34	43		32	36	40		35			
<b>BUSINESS ADMINISTRATION</b>																																									
<b>Legal Services</b>																																									
500100 Prof Services - Legal - General	19,146	50,013	20,000	26,511	27,000	27,000		27,000	27,000																																
500101 Prof Services - Legal - Meetings	36,465	26,529	20,000	22,208	22,000	22,000		22,000	22,000																																
500102 Prof Services - Legal - Interlocal/Regional	9,357	993			6,000	6,000		6,000	6,000																																
500103 Prof Services - Legal - Personnel	1,559	455	2,000	585	1,000	1,000		1,000	1,000																																
500104 Prof Services - Legal - Records Requests	260	2,438	3,000		2,000	2,000		2,000	2,000																																
Legal Services	66,787	80,427	50,000	55,225	58,000	58,000		58,000	58,000																																
<b>Financial Services</b>																																									
501100 Prof Services-Financial	302																																								
501500 Audit Services	11,600	20,511	17,000	17,203	20,000	20,000		20,000	20,000																																
Financial Services	11,902	20,511	17,000	17,203	20,000	20,000		20,000	20,000																																
<b>Insurance</b>																																									
508100 Insurance - Administrative	57,603	66,920	48,400	47,779	48,000	48,000		48,000	48,000																																
508200 Insurance - O&M		1,000	23,200	23,000	23,000	23,000		23,000	23,000																																
Insurance	57,603	67,920	71,600	70,779	71,000	71,000		71,000	71,000																																
<b>Elections</b>																																									
510100 Elections		19,332			20,000	20,000		20,000	20,000																																
Elections		19,332			20,000	20,000		20,000	20,000																																
<b>Miscellaneous &amp; Other</b>																																									
515100 Miscellaneous	10,105	781	1,100	631	700	700		700	700																																
516100 Manager Expense	589		400	200	200	200		200	200																																
516200 Commissioner's Expense		170	200	200	200	200		200	200																																
517100 Advertising Expense	4,640	724	700	900	2,000	2,000		2,000	2,000																																
518100 Office Vehicle Fuel																																									
518101 Office Vehicle Repairs & Maint																																									
Miscellaneous & Other	15,333	1,902	2,400	1,931	3,100	3,100		3,100	3,100																																
<b>TOTAL BUSINESS ADMINISTRATION</b>	<b>151,625</b>	<b>190,092</b>	<b>141,000</b>	<b>145,138</b>	<b>172,100</b>	<b>172,100</b>		<b>172,100</b>	<b>172,100</b>																																
<b>PLANNING &amp; DEVELOPMENT</b>																																									
<b>Professional Services</b>																																									
520100 Prof Services - Governance	70,258	(555)																																							
520101 Prof Services - Boundary Review		83,962		7,500																																					
520200 Prof Services - Amicus Brief	36,667	7,534																																							
520300 Prof Services - Property	44,133	(25,800)																																							
520400 Prof Services - Annexation				1,701	2,000	2,000		2,000	2,000																																
520500 Prof Services - Personnel Manual	27,143																																								
520550 Prof Services - Code Book	16,470		10,000	16,775	3,000	3,000		3,000	3,000																																
520600 Prof Services - Unspecified Projects	27,143	9,180	50,000		10,000	10,000		10,000	10,000																																
520999 Contribution to Preservation Planning Reser	16,470		50,000	50,000	50,000	50,000		50,000	50,000																																
Professional Services	238,283	80,020	110,000	75,975	65,000	65,000		65,000	65,000																																
<b>Other Planning &amp; Development</b>																																									
522100 Miscellaneous Planning & Dev		1,000	2,000	1,000	1,000	1,000		1,000	1,000																																
Other Planning & Development		1,000	2,000	1,000	1,000	1,000		1,000	1,000																																
<b>TOTAL PLANNING &amp; DEVELOPMENT</b>	<b>238,283</b>	<b>81,020</b>	<b>111,000</b>	<b>77,975</b>	<b>66,000</b>	<b>66,000</b>		<b>66,000</b>	<b>66,000</b>																																
<b>PUBLIC &amp; REGIONAL OUTREACH</b>																																									
<b>Regional Dues &amp; Memberships</b>																																									
523100 Dues/Membership/Cert.	17,759	16,571	21,700	15,214	19,000	19,000		19,000	19,000				19,000																												
Other		1,000			1,000	1,000		1,000	1,000				1,000																												
Regional Dues & Memberships	17,759	16,571	22,700	15,214	20,000	20,000		20,000	20,000				20,000																												
<b>Newsletters/Website/Special Events</b>																																									
524100 Newsletter Distribution & Other	11,990	20,889	20,600	20,639	20,600	20,600		20,600	20,600				20,600																												
524101 Newsletter Professional Services	12,549	720	5,900	4,955	5,300	5,300		5,300	5,300				5,300																												
524200 Website - Other Costs		2,179	300		1,000	1,000		1,000	1,000				1,000																												
524201 Website Professional Services	4,178	2,285	5,300	7,615	7,500	7,500		7,500	7,500				7,500																												
524300 Special/Publi. Events	6,629																																								



2016 - Detail Budget

	Actual Accrual	2014 Actual Accrual	2015 Cash Budget	2015 Actual Cash	2016 Cash Budget	Business Admin	Admin - To All Functions	Admin - By Customers	Admin - General	Admin - Planning	Public Outreach Commis- sioners	Public Outreach - Programs	Finance - General	Cost Service & Billing	Cost Service - General	Cost Service - Billing	Cost Service - Reporting	Field Customer Service	O&M General & Admin	O&M - General Operat- ions	O&M - Safety	Source of Supply & Pump	Source of Supply	Pumping O&M	Telemet- ry 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	Hydrant	Labor - Alloc to Capital			
						Functions	10	11	13	14	20		30	41	37	38	39	33	34	43	32	36	40	35																
<b>Other Public Outreach</b>																																								
Other Professional Services	525100	-	4,500	4,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Miscellaneous Public Outreach	525200	-	2,459	2,200	2,738	2,800	2,800	2,800	-	-	2,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Other Public Outreach</b>			6,959	6,800	2,738	2,800	2,800	2,800	-	-	2,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>TOTAL PUBLIC &amp; REGIONAL OUTREACH</b>		55,103	57,718	65,700	55,160	61,300	61,300	-	61,300	-	-	61,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>OFFICE &amp; RECORDS MANAGEMENT</b>																																								
<b>General Office Expense</b>																																								
Postage	530100	-	1,496	1,700	2,922	3,000	3,000	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Courier Services	530200	402	600	600	600	600	600	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Miscellaneous Office/Shop Expense	530300	-	1,422	1,800	2,983	3,000	3,000	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Temp Office Rent Expense	530400	44,000	1,202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>General Office Expense</b>		44,402	4,720	4,100	6,514	6,600	6,600	6,600	6,600	-	-	6,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Office Supplies &amp; Equipment</b>																																								
Office Supplies	531100	14,521	16,651	15,300	15,334	15,500	15,500	15,500	15,500	-	-	-	-	-	-	-	-	500	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Equipment & Small Tools	531300	26,444	12,663	5,500	1,211	1,800	1,200	1,200	1,200	-	-	-	-	-	-	-	-	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Office Supplies &amp; Equipment</b>		40,965	30,314	20,800	16,545	17,300	16,200	16,200	16,200	-	-	16,200	-	-	-	-	-	1,100	1,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Computer Systems</b>																																								
Computer Supplies	532100	3,369	1,748	2,400	1,691	3,000	2,800	2,800	2,800	-	-	-	-	-	-	-	-	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Computers & Printers	532200	-	10,445	-	(0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Software	532300	-	5,320	5,900	8,684	800	800	800	800	-	-	-	-	-	-	-	-	6,000	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Maintenance Agreements	532550	13,345	12,913	15,000	15,419	15,000	15,000	15,000	15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Professional Services - Computer	532400	56,853	92,881	65,000	69,991	70,000	55,000	55,000	55,000	-	-	-	-	-	-	-	-	15,000	15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Computer Systems</b>		73,567	123,308	88,300	95,785	94,800	73,600	73,600	73,600	-	-	73,600	-	-	-	-	-	21,200	21,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Phones &amp; Internet</b>																																								
Cell Phones	534200	2,944	3,463	3,000	5,706	6,000	4,500	4,500	4,500	-	-	-	-	-	-	-	-	1,500	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Alarm Monitoring	534300	2,037	4,517	3,500	2,895	3,000	1,700	1,700	1,700	-	-	-	-	-	-	-	-	1,300	1,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Phone System & Internet	534400	16,459	7,912	7,900	9,953	10,000	6,500	6,500	6,500	-	-	-	-	-	-	-	-	3,500	3,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<b>Phones &amp; Internet</b>		21,440	15,891	14,400	18,553	19,000	12,700	12,700	12,700	-	-	12,700	-	-	-	-	-	6,300	6,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Building &amp; Grounds - Maintenance &amp; Operations</b>																																								
<b>Custodial</b>																																								
Kitchen / Custodial Supplies	535200	2,925	8,967	5,000	4,200	4,500	4,500	4,500	4,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Custodial Services	535300	5,440	6,857	6,300	8,185	8,000	8,000	8,000	8,000	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Custodial</b>		8,365	15,824	11,300	12,385	12,500	12,500	12,500	12,500	-	-	12,500	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Utilities</b>																																								
Utilities - Electric	536100	18,753	21,544	16,500	21,652	20,000	16,600	16,600	16,600	-	-	-	-	-	-	-	-	3,400	3,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Utilities - Garbage	536200	4,673	4,718	4,400	4,776	5,000	2,700	2,700	2,700	-	-	-	-	-	-	-	-	2,300	2,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Utilities - Sewer	536300	490	1,905	2,000	2,783	3,000	1,900	1,900	1,900	-	-	-	-	-	-	-	-	1,100	1,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Utilities - Gas	536400	2,005	4,264	4,300	1,057	3,000	3,000	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Utilities</b>		25,921	32,430	27,200	30,267	31,000	24,199	24,199	24,199	-	-	24,199	-	-	-	-	-	6,800	6,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Maintenance &amp; Repairs</b>																																								
Maintenance - Buildings	537100	1,832	3,653	3,200	1,261	1,500	1,500	1,500	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Maintenance - Grounds	537200	957	7,521	9,100	6,070	6,																																		





2016 - Detail Budget

	Actual Accrual	2014 Actual Accrual	2015 Cash Budget	2015 Actual Cash	2016 Cash Budget	Business Admin	Admin - To All Functions	Admin - By Customers	Admin - General	Admin - Planning	Public Outreach Commissio ners	Public Outreach - Programs	Finance - General	Cust Service & Billing	Cust Service - General	Cust Service - Billing	Cust Service - Reporting	Field Customer Service	O&M General & Admin	O&M - General Operatio s	O&M - Safety	Source of Supply & Pump	Source of Supply	Pumping O&M	Telemet y 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	Hydrant	Labor - Alloc to Capital				
						10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42			
<b>EMPLOYEE COSTS</b>																																									
<b>Travel &amp; Training</b>																																									
Publications, Books, Manuals	580100	2,580	1,524	674	220	300	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Training	580200	555	8,140	9,800	5,464	15,500	6,500	6,500	500	-	-	-	6,000	-	-	-	-	-	9,000	9,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Travel	580300	22,032	22,887	20,300	14,254	19,150	13,200	13,200	2,419	-	10,780	-	0	-	-	-	-	-	9,900	9,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Per Diem	580400	265	3,771	4,720	1,533	4,950	3,410	3,410	390	-	3,020	-	-	-	-	-	-	-	1,540	1,540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Registration	580500	10,739	9,365	12,490	14,177	9,005	6,810	6,810	1,500	-	5,310	-	-	-	-	-	-	-	2,195	2,195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Underexpenditure					(8,605)	(8,605)	(8,605)	(8,605)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Travel &amp; Training</b>		37,171	45,687	47,986	35,643	40,300	21,615	21,615	(3,496)	-	19,110	-	6,000	-	-	-	-	-	18,685	18,685	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Other Employee Costs</b>																																									
Drug Testing	585100	162	431	400	72	100	-	-	-	-	-	-	-	-	-	-	-	-	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hearing Tests	585200	129	156	200	231	400	-	-	-	-	-	-	-	-	-	-	-	-	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Uniforms	585300	4,519	4,900	4,800	8,914	5,000	-	-	-	-	-	-	-	-	-	-	-	-	5,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other Employee Costs	585400	-	982	1,100	2,028	2,000	1,200	1,200	1,200	-	-	-	-	-	-	-	-	-	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Other Employee Costs</b>		4,810	6,469	6,500	11,245	7,500	1,200	1,200	1,200	-	-	-	-	-	-	-	-	-	6,300	6,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Temporary Employee Costs</b>																																									
Employment Agency Costs	589100	9,864	17,143	-	2,216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Temporary Employee Costs</b>		9,864	17,143	-	2,216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Direct Payroll Costs</b>																																									
Salaries	590100	792,271	981,457	1,163,458	1,154,000	1,174,495	416,403	416,403	139,830	-	30,124	49,816	196,634	144,444	117,323	-	-	27,122	289,288	283,534	5,754	15,772	312	12,320	3,140	13,602	13,602	29,868	3,402	18,594	7,872	58,315	9,788	31,744	16,782	48,219	158,585	-			
On-Call	590300	17,074	17,402	17,389	18,065	18,358	-	-	-	-	-	-	-	-	-	-	-	-	18,358	18,358	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Overtime	590700	22,358	27,623	15,403	20,761	17,763	2,029	2,029	-	-	-	1,807	222	6,279	5,768	-	-	511	3,829	3,829	-	819	-	613	206	178	178	1,068	925	143	-	2,463	363	290	1,810	28	1,070	-			
<b>Direct Payroll Costs</b>		831,701	1,020,482	1,196,250	1,192,826	1,210,616	418,432	418,432	139,830	-	30,124	51,623	196,856	150,723	123,090	-	-	27,633	311,476	305,722	5,754	16,591	312	12,933	3,346	13,780	13,780	30,936	4,327	18,737	7,872	60,778	10,151	32,034	18,592	48,247	159,655	-			
<b>Payroll Benefits</b>																																									
FICA	595100	54,294	63,334	73,040	71,878	72,448	24,976	24,976	8,326	-	1,756	3,139	11,756	9,143	7,505	-	1,638	22,310	21,968	341	983	19	767	198	817	817	1,834	256	1,111	467	3,603	602	1,899	1,102	2,860	6,943	-				
Medicare	595200	12,990	15,146	17,344	17,296	17,554	5,968	5,968	1,989	-	420	750	2,809	2,184	1,793	-	391	5,173	5,092	82	235	4	183	47	195	195	438	61	265	111	861	144	454	263	683	1,816	-				
HCAVEBA (Medical Insurance)	595300	227,850	243,775	249,900	261,975	285,600	116,620	116,620	17,258	-	51,773	13,074	34,515	30,919	30,919	-	-	138,061	138,061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PERS	595400	67,263	90,894	107,151	114,139	131,676	43,069	43,069	15,623	-	5,438	22,007	15,378	15,378	12,255	-	3,123	40,876	40,236	640	1,834	32	1,408	394	1,566	1,566	3,456	522	2,043	891	6,798	1,067	3,548	2,184	5,447	13,251	-				
Industrial Insurance	595600	9,739	11,524	16,895	17,043	16,684	980	980	220	-	131	188	441	1,173	450	-	723	7,538	7,399	139	401	6	324	70	339	339	817	115	512	190	1,545	256	845	444	1,339	2,553	-				
Unemployment	595700	578	935	1,950	954	1,974	240	240	60	-	60	121	128	128	107	-	21	258	253	5	14	0	12	1	9	9	24	2	17	5	47	12	27	9	40	1,214	-				
Clothing Allowance	595800	6,500	7,500	7,000	8,000	7,000	1,867	1,867	467	-	467	933	1,400	1,400	1,400	-	-	3,733	3,733	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cell Phone Allowance	595900	8,010	8,970	9,360	9,710	9,360	1,558	1,558	-	-	692	866	1,620	1,620	1,620	-	-	6,182	6,182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<b>Payroll Benefits</b>		387,224	442,078	482,641	500,394	543,317	195,277	195,277	43,942	-	54,079	23,807	73,449	61,945	56,048	-	5,896	224,132	222,925	1,207	3,467	62	2,694	711	2,926	2,926	6,569	956	3,948	1,665	12,854	2,080	6,772	4,002	10,370	25,777	-				
<b>Payroll Allocations</b>																																									
Allocated to CIP or Capital Assets	599100	-	-	(228,239)	(180,337)	(180,108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(180,108)		
<b>Payroll Allocations to Capital</b>		-	-	(228,239)	(180,337)	(180,108)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(180,108)		
<b>TOTAL EMPLOYEE COSTS</b>		1,270,769	1,537,860	1,505,139	1,561,992	1,621,625	636,523	636,523	181,475	-	103,313	75,430	276,305	212,668	179,139	-	33,529	560,593	553,632	6,961	20,058	374	15,627	4,057	16,706	16,706	37,505	5,283	22,685	9,536	73,631	12,231	38,806	22,594	58,616	5,324	-				
<b>TOTAL OPERATING COSTS</b>		4,425,297	4,632,750	4,429,587	4,551,036	4,549,338	1,802,022	1,077,123	724,899	1,220,675	65,000	103,313	136,730	276,305	264,768	179,139	46,000	6,100	33,529	711,293	701,333	9,961	1,505,872	1,447,189	39,627	19,056	17,706	17,706	57,105	15,883	31,685	9,536	134,631	36,231	69,806	28,594	70,616	5,324			





## Water Purchased from Seattle Public Utilities (SPU)

2016 - Budget

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 Cons. @ Old Rate	Old Rate	Old Rate Peak 193,194	New Rate: Remaining	New Rate: 193 & 194	New Cons.: Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total				
January	61,134	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	58,572	58,572	-					\$ -	\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 89,615	\$ -	\$ 89,615		\$ 89,615				
May	75,759	59,541	46,782	-	12,759	-			\$ -	\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 71,577	\$ 28,962	\$ 100,539		\$ 100,539				
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	67,118	61,304	5,814					\$ -	\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 102,807	\$ -	\$ 102,807		\$ 102,807				
December	74,029	68,455	43,770	24,685					\$ -	\$ -	\$ 1.53	\$ 1.55	\$ 2.27	\$ 2.29	\$ 105,230	\$ -	\$ 105,230		\$ 105,230				
<b>TOTAL</b>		<b>848,583</b>	<b>404,872</b>	<b>95,276</b>	<b>340,783</b>	<b>7,652</b>									<b>\$ 767,131</b>	<b>\$ 791,102</b>	<b>\$ 1,558,233</b>	<b>\$ -</b>	<b>\$ 1,558,233</b>				

2014  
Cash Flow  
\$ 1,536,077

2015 Actual and 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 Cons. @ Old Rate 193,194	Old Rate Peak 193,194	Old Rate Peak 193,194	New Rate: Remaining	New Rate: 193 & 194	New Cons.: Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total				
January	61,134	47,066	10,252	22,694			4,394	9,726	\$ 1.53	\$ 1.55	\$ 1.42	\$ 1.44	\$ 2.10	\$ 2.12	\$ 69,035	\$ -	\$ 69,035	\$ 30,312	\$ 99,347				
February	84,437	66,278	40,282	25,996					\$ -	\$ -	\$ 1.42	\$ 1.44	\$ 2.10	\$ 2.12	\$ 94,635	\$ -	\$ 94,635		\$ 94,635				
Feb - Adj		11,014	7,710				3,304		\$ 1.53	\$ 1.55	\$ 1.42	\$ 1.44	\$ 2.10	\$ 2.12	\$ 16,003	\$ -	\$ 16,003		\$ 16,003				
March	76,583	51,642	23,621	28,021					\$ -	\$ -	\$ 1.42	\$ 1.44	\$ 2.10	\$ 2.12	\$ 73,892	\$ -	\$ 73,892		\$ 73,892				
March - Adj		(7,289)	(7,557)	268					\$ -	\$ -	\$ 1.42	\$ 1.45	\$ 2.10	\$ 2.12	\$ (10,342)	\$ -	\$ (10,342)		\$ (10,342)				
April	64,987	64,110	31,203	1,994				30,913	\$ -	\$ 1.44	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 91,794	\$ -	\$ 91,794		\$ 91,794				
May	75,759	63,787	36,318	18,357	6,053	3,060			\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 78,923	\$ 19,351	\$ 98,273		\$ 98,273				
June	105,157	95,923			75,479	20,444			\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ -	\$ 202,869	\$ 202,869		\$ 202,869				
July	135,512	103,441			91,622	11,819			\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ -	\$ 218,053	\$ 218,053		\$ 218,053				
August	208,555	94,067			73,618	20,449			\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ -	\$ 198,972	\$ 198,972		\$ 198,972				
September	65,399	77,076	13,548	2,802	50,320	10,406			\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 23,413	\$ 128,253	\$ 151,666		\$ 151,666				
October	79,523	58,422	55,664	2,758					\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 83,152	\$ -	\$ 83,152		\$ 83,152				
November	74,845	67,118	42,903	24,215					\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 97,003	\$ -	\$ 97,003		\$ 97,003				
December	74,029	68,455	31,870	36,585					\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 99,767	\$ -	\$ 99,767		\$ 99,767				
<b>TOTAL</b>	<b>1,105,920</b>	<b>861,110</b>	<b>285,814</b>	<b>163,689</b>	<b>297,092</b>	<b>66,178</b>	<b>7,698</b>	<b>40,639</b>							<b>\$ 717,275</b>	<b>\$ 767,499</b>	<b>\$ 1,484,774</b>	<b>\$ 30,312</b>	<b>\$ 1,515,085</b>				

2015  
Cash Flow  
\$ 1,520,548

2016 Budget (at 2014 Usage Levels)									Old Con. Rates					New Consumption Rates					Water Purchase Costs Projected for 2016				
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 Cons. @ Old Rate 193,194	Old Rate Peak 193,194	Old Rate Peak 193,194	New Rate: Remaining	New Rate: 193 & 194	New Cons.: Remaining	New Cons.: 193 & 194	Old Cons.	New Cons.	Subtotal	Adjustment	Total				
January	61,134	63,739	29,943	33,796	-	-	-	-	\$ 1.42	\$ 1.49	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 91,185	\$ -	\$ 91,185		\$ 91,185				
February	84,437	66,278	37,379	28,899	-	-	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 94,693	\$ -	\$ 94,693		\$ 94,693				
March	76,583	50,240	50,013	227	-	-	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 71,345	\$ -	\$ 71,345		\$ 71,345				
April	64,987	58,572	58,572	-	-	-	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 83,172	\$ -	\$ 83,172		\$ 83,172				
May	75,759	59,541	46,782	-	12,759	-	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 66,431	\$ 26,793	\$ 93,224		\$ 93,224				
June	105,157	78,000	-	-	77,944	56	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ -	\$ 163,804	\$ 163,804		\$ 163,804				
July	135,512	98,938	-	-	95,612	3,326	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ -	\$ 208,003	\$ 208,003		\$ 208,003				
August	208,555	104,516	-	-	102,563	1,953	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ -	\$ 219,620	\$ 219,620		\$ 219,620				
September	65,399	69,405	14,534	649	51,905	2,317	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 21,604	\$ 114,030	\$ 135,634		\$ 135,634				
October	79,523	63,781	62,575	1,206	-	-	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 90,653	\$ -	\$ 90,653		\$ 90,653				
November	74,845	67,118	61,304	5,814	-	-	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 95,715	\$ -	\$ 95,715		\$ 95,715				
December	74,029	68,455	43,770	24,685	-	-	-	-	\$ -	\$ -	\$ 1.42	\$ 1.49	\$ 2.10	\$ 2.17	\$ 98,934	\$ -	\$ 98,934		\$ 98,934				
<b>TOTAL</b>	<b>1,105,920</b>	<b>848,583</b>	<b>404,872</b>	<b>95,276</b>	<b>340,783</b>	<b>7,652</b>	<b>-</b>	<b>-</b>							<b>\$ 713,733</b>	<b>\$ 732,250</b>	<b>\$ 1,445,983</b>	<b>\$ -</b>	<b>\$ 1,445,983</b>				

2016  
Cash Flow  
\$ 1,446,816



## **Employee Costs**



## Training and Conferences

### 2016 - Budget

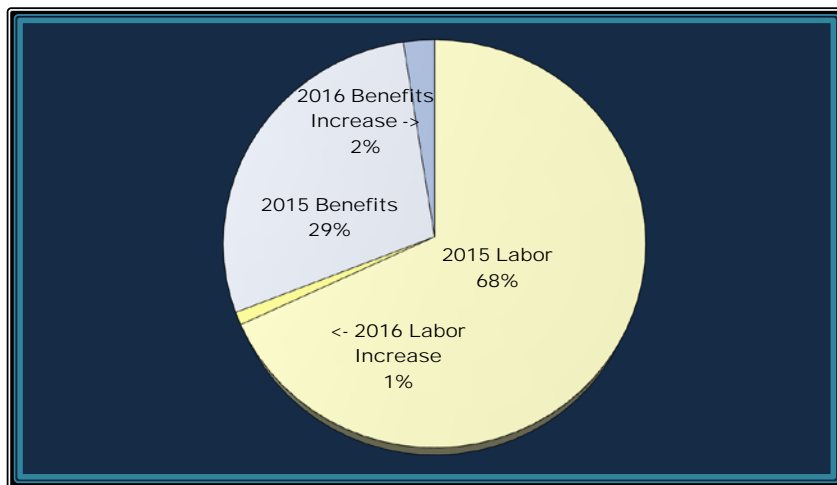
	Dates	Location	Registrati on	AirFare or Mileage	Lodging	Per Diem & Other	2016 TOTAL	2015 BUDGET	2015 ACTUAL
<b>TRAINING</b>									
Inspector/Project Manager	Various	Seattle					\$ 1,000	\$ 6,000	\$ 5,136
Office Staff	Various	Various					\$ 6,000	\$ 5,000	\$ 892
Excutive Assistant	Various	Various					\$ 500	\$ 1,500	\$ 950
Field Crew	Various	Various					\$ 8,000	\$ 8,000	\$ 5,892
<b>TOTAL TRAINING</b>							<b>\$ 15,500</b>	<b>\$ 20,500</b>	<b>\$ 12,869</b>
<b>CONFERENCES &amp; BOARD MEETINGS</b>									
<b>General Manager</b>									
Woment in Leadership	February	Mercer Island	\$ 125				\$ 125	\$ -	\$ 125
WASWD Conference	April 14-15	Yakima	\$ 475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ 1,363	\$ 1,218
PNWS Conference	May 3-7	Boise	\$ 425	\$ 300	\$ 600	\$ 150	\$ 1,475	\$ -	\$ 350
WASWD Conference	Sep 21-25	Spokane	\$ 475	\$ 151	\$ 600	\$ 120	\$ 1,346	\$ 1,346	\$ 954
PWTF Board Meetings	Monthly	Olympia					\$ -	\$ -	\$ -
<b>Total General Manager</b>							<b>\$ 4,309</b>	<b>\$ 2,709</b>	<b>\$ 2,648</b>
<b>Operations Manager</b>									
WASWD Conference	April 14-15	Yakima	\$ 475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ 1,363	\$ 1,359
PNWS Conference	May 3-7	Boise	\$ 425	\$ 300	\$ 600	\$ 150	\$ 1,475	\$ 1,177	\$ 552
AWWA Conference - ACE 15	Jun 7-10	Chicago	\$ 820	\$ 600	\$ 2,000	\$ 1,000	\$ 4,420	\$ 4,320	\$ 3,487
WASWD Conference	Sep 21-25	Spokane	\$ 475	\$ 291	\$ 600	\$ 120	\$ 1,486	\$ 1,346	\$ 1,187
PNWS Board Meeting	Oct 5-7	Spokane		\$ 291	\$ 500	\$ 150	\$ 941	\$ 1,070	\$ 918
<b>Total Operations Manager</b>							<b>\$ 9,685</b>	<b>\$ 9,276</b>	<b>\$ 7,502</b>
<b>Commissioner Ricker</b>									
WASWD Conference	April 14-15	Yakima	\$ 475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ 1,363	\$ -
PNWS Conference	May 3-7	Boise	\$ 410	\$ 17	\$ 600	\$ 150	\$ 1,177	\$ 1,177	\$ 504
AWWA Conference - ACE 15	Jun 7-10	Chicago	\$ 820	\$ 500	\$ 2,000	\$ 1,000	\$ 4,320	\$ 4,320	\$ 3,486
WASWD Conference	Sep 21-25	Spokane	\$ 475	\$ 291	\$ 600	\$ 120	\$ 1,486	\$ 1,346	\$ 1,255
<b>Total Ricker</b>							<b>\$ 8,346</b>	<b>\$ 8,206</b>	<b>\$ 5,245</b>
<b>Commissioner Haines</b>									
WASWD Conference	April 14-15	Yakima	\$ 475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ 1,363	\$ 1,026
PNWS Conference	May 3-7	Boise	\$ 410	\$ 17	\$ 600	\$ 150	\$ 1,177	\$ 1,177	\$ 403
AWWA Conference - ACE 15	Jun 7-10	Chicago	\$ 820	\$ 500	\$ 2,000	\$ 1,000	\$ 4,320	\$ -	\$ 3,288
WASWD Conference	Sep 21-25	Spokane	\$ 475	\$ -	\$ 600	\$ 120	\$ 1,195	\$ 1,346	\$ 954
<b>Total Haines</b>							<b>\$ 8,055</b>	<b>\$ 3,886</b>	<b>\$ 5,671</b>
<b>Commissioner Schoonmaker</b>									
PNWS Conference	April 14-15	Yakima	\$ 475	\$ 168	\$ 600	\$ 120	\$ 1,363	\$ 1,363	\$ 440
WASWD Conference	Sep 21-25	Spokane	\$ 475	\$ 151	\$ 600	\$ 120	\$ 1,346	\$ 1,346	\$ 1,267
<b>Total Schoonmaker</b>							<b>\$ 2,709</b>	<b>\$ 2,709</b>	<b>\$ 1,707</b>
<b>Planned Under-Expenditure of Travel and Training Costs</b>							<b>\$ (8,605)</b>		
<b>TOTAL CONFERENCES AND MEETING</b>							<b>\$ 24,500</b>	<b>\$ 26,786</b>	<b>\$ 22,773</b>
<b>GRAND TOTAL CONFERENCES, MEETINGS AND TRAINING</b>							<b>\$ 40,000</b>	<b>\$ 47,286</b>	<b>\$ 35,643</b>



## Labor and Benefits Summary (Before Capitalization)

### 2016 - Budget

	DIRECT LABOR	TOTAL BENEFITS	COMBINED TOTAL
Total Projected Labor and Benefits for 2015	\$ 1,192,826	\$ 500,394	\$ 1,693,221
2015 Step, 0.6%, and PERS Applied to Entire year	\$ 22	\$ 39,803	\$ 39,825
Base Labor and Benefits for 2016	\$ 1,192,848	\$ 540,197	\$ 1,733,046
Deduct Commissioner Pay	(\$32,832)	(\$53,062)	(\$85,894)
Base Pay Subject to COLA	\$ 1,160,016	\$ 487,136	\$ 1,647,152
COLA @ 1.6% on Staff Employees	\$ 17,768	\$ 3,120	\$ 20,888
<b>TOTAL LABOR AND BENEFITS FOR 2016 (Cash Basis)</b>	<b>\$ 1,210,616</b>	<b>\$ 543,317</b>	<b>\$ 1,753,933</b>
<i>2016 Total Increase over 2015</i>	<i>\$ 17,790</i>	<i>\$ 42,923</i>	<i>\$ 60,713</i>
<i>Percent Increase over 2015</i>	<i>1.5%</i>	<i>8.6%</i>	<i>3.6%</i>







2016 - Budget

0.0%	Commissioner's Inc
1.6%	Employee's COLA
\$ -	Employee's COLA Lump-sum

\$ 334.91	2015 Standby
\$ 340.27	2016 Standby

\$ 500	\$ 70.00	\$ 1,400 J-J	11.18%	1.45%	6.20%	\$ 0.1183	0.17%
Max Soc Sec Wages				Max Soc Sec Benefits			
\$ 118,500				\$ 7,347 \$ 1,0434 0.17%			

Labor and Benefits		Total Hrs @ Reg Pay	Vac CO	OT @ 1.5	OTW	2016 Total Hours	Oncall	Reg OT	OTW	2016 Total Gross Pay (1)	2015 Total Gross Pay	Difference	% Diff	Benefits								2016 Total Benefits	2015 Total Benefits	Difference	% Diff	2015 LABOR AND BENEFITS									
														Clothing	Phone	VEBA	PERS Amt	Medicare	Soc Sec	L&I	Unemploy					2015 LABOR AND BENEFITS	2015 LABOR AND BENEFITS	Difference	% Diff						
Commissioner	Cash Payment 2015 - W-2	419	-	-	-	418.5	\$ -			\$ 10,944	\$ 10,944	\$ -	0.0%	\$ -	\$ -	\$ 16,800	\$ 159	\$ 679	\$ 49.51	\$ 17,687	\$ 16,637	\$ 1,050	6.3%	\$ 28,631	\$ 27,581	\$ 1,050	3.8%								
Commissioner	Cash Payment 2015 - W-2	419	-	-	-	418.7	\$ -			\$ 10,944	\$ 10,944	\$ -	0.0%	\$ -	\$ -	\$ 16,800	\$ 159	\$ 679	\$ 49.53	\$ 17,687	\$ 16,637	\$ 1,050	6.3%	\$ 28,631	\$ 27,581	\$ 1,050	3.8%								
Commissioner	Cash Payment 2015 - W-2	432	-	-	-	431.7	\$ -			\$ 10,944	\$ 10,944	\$ -	0.0%	\$ -	\$ -	\$ 16,800	\$ 159	\$ 679	\$ 51.07	\$ 17,688	\$ 16,638	\$ 1,050	6.3%	\$ 28,632	\$ 27,582	\$ 1,050	3.8%								
District Manager																																			
	Prior Year	With COLA	Step Inc	With Step																															
	Salary	\$ 134,703	\$ 136,859	\$ -	\$ 136,859																														
	Effective Hourly	\$ 64.76	\$ 65.80	\$ -	\$ 65.80																														
	Cash Payment 2016 - W-2	2,088	88	-	-	2,176.0	\$ -	\$ -	\$ -	\$ 141,859	\$ 139,812	\$ 2,047	1.5%	\$ 500	\$ -	\$ 16,800	\$ 15,860	\$ 2,057	\$ 7,657	\$ 215	\$ 240	\$ 43,329	\$ 39,481	\$ 3,848	9.7%	\$ 185,188	\$ 179,293	\$ 5,895	3.3%						
Finance Manager																																			
	Prior Year	With COLA	Step Inc	With Step																															
	Salary	\$ 117,833	\$ 119,718	\$ -	\$ 119,718																														
	Effective Hourly	\$ 56.65	\$ 57.56	\$ -	\$ 57.56																														
	Cash Payment 2016 - W-2	2,088	88	-	-	2,176.0	\$ -	\$ -	\$ -	\$ 124,524	\$ 122,342	\$ 2,183	1.8%	\$ 500	\$ -	\$ 16,800	\$ 13,922	\$ 1,806	\$ 7,721	\$ 230	\$ 211	\$ 41,189	\$ 37,538	\$ 3,651	9.7%	\$ 165,714	\$ 159,880	\$ 5,834	3.6%						
Senior Accountant																																			
	Prior Year	With COLA	Step Inc	With Step																															
	Effective Salary	\$ 70,635	\$ 71,766	\$ -	\$ 71,766																														
	Hourly	\$ 33.96	\$ 34.50	\$ -	\$ 34.50																														
	Cash Payment 2016 - W-2	2,088	48	6.0	-	2,142.0	\$ -	\$ 310.52	\$ -	\$ 73,956	\$ 72,954	\$ 1,002	1.4%	\$ 500	\$ 840	\$ 16,800	\$ 8,268	\$ 1,072	\$ 4,585	\$ 212	\$ 123	\$ 32,402	\$ 30,169	\$ 2,232	7.4%	\$ 106,358	\$ 103,124	\$ 3,234	3.1%						
Cust Service Rep I																																			
	Prior Year	With COLA	Step Inc	With Step																															
	Effective Salary	\$ 50,650	\$ 51,461	\$ 2,573.03	\$ 54,034																														
	Hourly	\$ 24.35	\$ 24.74	\$ -	\$ 25.98																														
	Cash Payment 2016 - W-2	2,088	-	12.0	-	2,100.0	\$ -	\$ 464	\$ -	\$ 53,045	\$ 49,027	\$ 4,018	8.2%	\$ 500	\$ 840	\$ 16,800	\$ 5,930	\$ 769	\$ 3,289	\$ 222	\$ 88	\$ 28,438	\$ 25,213	\$ 3,225	12.8%	\$ 81,483	\$ 74,241	\$ 7,243	9.8%						
Cust Service Rep II																																			
	Prior Year	With COLA	Step Inc	With Step																															
	Effective Salary	\$ 62,035	\$ 63,027	\$ -	\$ 63,027																														
	Hourly	\$ 29.82	\$ 30.30	\$ -	\$ 30.30																														
	Cash Payment 2016 - W-2	2,088	-	16	-	2,104.0	\$ -	\$ 727	\$ -	\$ 63,951	\$ 66,606	\$ (2,655)	-4.0%	\$ 500	\$ 840	\$ 16,800	\$ 7,150	\$ 927	\$ 3,965	\$ 216	\$ 106	\$ 30,504	\$ 28,016	\$ 2,488	8.9%	\$ 94,455	\$ 94,622	\$ (166)	-0.2%						
Executive Assistant																																			
	Prior Year	With COLA	Step Inc	With Step																															
	Effective Salary	\$ 55,328	\$ 56,213	\$ -	\$ 56,213																														
	Hourly	\$ 26.60	\$ 27.03	\$ -	\$ 27.03																														
	Cash Payment 2016 - W-2	1,253	-	8.0	-	1,260.8	\$ -	\$ 324	\$ -	\$ 34,157	\$ 42,291	\$ (8,134)	-19.2%	\$ 500	\$ 840	\$ 16,800	\$ 3,819	\$ 495	\$ 2,118	\$ 137	\$ 56	\$ 24,765	\$ 20,608	\$ 4,157	20.2%	\$ 58,922	\$ 62,899	\$ (3,977)	-6.3%						
Operations Manager																																			
	Prior Year	With COLA	Step Inc	With Step																															
	Salary	\$ 123,724	\$ 125,704	\$ -	\$ 125,704																														
	Effective Hourly	\$ 59.48	\$ 60.43	\$ -	\$ 60.43																														
	Cash Payment 2016 - W-2	2,088	88	-	-	2,176.0	\$ -	\$ -	\$ -	\$ 130,940	\$ 126,848	\$ 4,091	3.2%	\$ 500	\$ -	\$ 16,800	\$ 14,639	\$ 1,899	\$ 7,667	\$ 1,878	\$ 222	\$ 43,604	\$ 39,903	\$ 3,701	9.3%	\$ 174,544	\$ 166,752	\$ 7,792	4.7%						
Inspector/ Project Manager																																			
	Prior Year	With COLA	Step Inc	With Step																															
	Salary	\$ 96,239	\$ 97,779	\$ -	\$ 97,779																														
	Effective Hourly	\$ 46.27	\$ 47.01	\$ -	\$ 47.01																														
	Cash Payment 2016 - W-2	2,088	-	20.0	-	2,108.0	\$ -	\$ 1,410	\$ -	\$ 99,494	\$ 95,298	\$ 4,197	4.4%	\$ 500	\$ 960	\$ 16,800	\$ 11,123	\$ 1,443	\$ 6,169	\$ 1,957	\$ 167	\$ 39,119	\$ 36,262	\$ 2,857	7.9%	\$ 138,613	\$ 131,559	\$ 7,054	5.4%						



2016 - Budget

0.0%	Commissioner's Inc
1.6%	Employee's COLA
\$ -	Employee's COLA Lump-sum

\$ 334.91	2015 Standby
\$ 340.27	2016 Standby

\$ 500	\$ 70.00	\$ 1,400 J-J	11.18%	1.45%	6.20%	\$ 0.1183	0.17%
Max Soc Sec Wages >				\$ 118,500			
Max Soc Sec Benefits >				\$ 7,347 \$ 1,0434 0.17%			

Labor and Benefits		Total Hrs @				2016 Total Hours			2016 Total Gross Pay (1)			2015 Total Gross Pay			Difference			% Diff			2015 LABOR AND BENEFITS			2015 LABOR AND BENEFITS					
		Reg Pay	Vac CO	OT @ 1.5	OTW	Oncall	Reg OT	OTW	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total				
Operations Lead	Prior Year																												
	With COLA																												
	Step Inc																												
	With Step																												
	Effective Salary	\$ 81,587	\$ 82,892	\$ -	\$ 82,892																								
	Hourly	\$ 39.22	\$ 39.85		\$ 39.85																								
	Cash Payment 2016 - W-2																												
		2,088	48	9.5	14	2,161.5	\$ 3,057	\$ 568	\$ 1,013	\$ 89,821	\$ 88,823	\$ 998	1.1%	\$ 500	\$ 840	\$ 16,800	\$ 10,042	\$ 1,302	\$ 5,569	\$ 1,897	\$ 150	\$ 37,101	\$ 34,724	\$ 2,377	6.8%	\$ 126,922	\$ 123,547	\$ 3,375	2.7%
Utility Person III	Prior Year																												
	With COLA																												
	Step Inc																												
	With Step																												
	Effective Salary	\$ 61,874	\$ 62,864	\$ -	\$ 62,864																								
	Hourly	\$ 29.75	\$ 30.22		\$ 30.22																								
	Cash Payment 2016 - W-2																												
		2,088	48	15.0	17.0	2,168.5	\$ 3,062	\$ 680	\$ 988	\$ 69,263	\$ 67,975	\$ 1,288	1.9%	\$ 500	\$ 840	\$ 16,800	\$ 7,744	\$ 1,004	\$ 4,294	\$ 1,911	\$ 115	\$ 33,209	\$ 31,069	\$ 2,140	6.9%	\$ 102,472	\$ 99,044	\$ 3,428	3.5%
Utility Person III	Prior Year																												
	With COLA																												
	Step Inc																												
	With Step																												
	Effective Salary	\$ 61,874	\$ 62,864	\$ -	\$ 62,864																								
	Hourly	\$ 29.75	\$ 30.22		\$ 30.22																								
	Cash Payment 2016 - W-2																												
		2,088	48	18.0	38	2,192.0	\$ 3,062	\$ 816	\$ 2,208	\$ 70,597	\$ 64,858	\$ 5,739	8.8%	\$ 500	\$ 840	\$ 16,800	\$ 7,893	\$ 1,024	\$ 4,377	\$ 1,959	\$ 118	\$ 33,510	\$ 30,706	\$ 2,804	9.1%	\$ 104,107	\$ 95,564	\$ 8,542	8.9%
Utility Person III	Prior Year																												
	With COLA																												
	Step Inc																												
	With Step																												
	Effective Salary	\$ 61,874	\$ 62,864	\$ -	\$ 62,864																								
	Hourly	\$ 29.75	\$ 30.22		\$ 30.22																								
	Cash Payment 2016 - W-2																												
		2,088.0	-	9.5	18.5	2,116.0	\$ 3,057	\$ 431	\$ 1,075	\$ 67,622	\$ 66,427	\$ 1,195	1.8%	\$ 500	\$ 840	\$ 16,800	\$ 7,560	\$ 981	\$ 4,193	\$ 1,953	\$ 113	\$ 32,939	\$ 30,907	\$ 2,032	6.6%	\$ 100,561	\$ 97,334	\$ 3,227	3.3%
Utility Person IV / Water Quality Person	Prior Year																												
	With COLA																												
	Step Inc																												
	With Step																												
	Effective Salary	\$ 70,635	\$ 71,765	\$ -	\$ 71,765																								
	Hourly	\$ 33.96	\$ 34.50		\$ 34.50																								
	Cash Payment 2016 - W-2																												
		2,088.0	48	44.8	48.5	2,230.3	\$ 3,057	\$ 2,320	\$ 3,125	\$ 82,199	\$ 81,828	\$ 371	0.5%	\$ 500	\$ 840	\$ 16,800	\$ 9,190	\$ 1,192	\$ 5,096	\$ 1,891	\$ 137	\$ 35,647	\$ 33,513	\$ 2,133	6.4%	\$ 117,846	\$ 115,341	\$ 2,504	2.2%
Utility Person IV	Prior Year																												
	With COLA																												
	Step Inc																												
	With Step																												
	Effective Salary	\$ 70,635	\$ 71,765	\$ -	\$ 71,765																								
	Hourly	\$ 33.96	\$ 34.50		\$ 34.50																								
	Cash Payment 2016 - W-2																												
		2,088	-	4.0	17.0	2,109.0	\$ 3,062	\$ 207	\$ 1,097	\$ 76,355	\$ 74,906	\$ 1,449	1.9%	\$ 500	\$ 840	\$ 16,800	\$ 8,536	\$ 1,107	\$ 4,734	\$ 1,855	\$ 128	\$ 34,500	\$ 32,372	\$ 2,128	6.6%	\$ 110,855	\$ 107,278	\$ 3,577	3.3%
<b>Total Cash Payment 2016</b>		<b>29,666</b>	<b>504</b>	<b>163</b>	<b>153</b>	<b>30,489</b>	<b>\$ 18,358</b>	<b>\$ 8,258</b>	<b>\$ 9,505</b>	<b>\$ 1,210,616</b>	<b>\$ 1,192,826</b>	<b>\$ 17,790</b>	<b>1.5%</b>	<b>\$ 7,000</b>	<b>\$ 9,360</b>	<b>\$ 285,600</b>	<b>\$ 131,676</b>	<b>\$ 17,554</b>	<b>\$ 73,468</b>	<b>\$ 16,684</b>	<b>\$ 1,974</b>	<b>\$ 543,317</b>	<b>\$ 500,394</b>	<b>\$ 42,923</b>	<b>8.6%</b>	<b>\$ 1,753,933</b>	<b>\$ 1,693,221</b>	<b>\$ 60,713</b>	<b>3.6%</b>
<b>Total Accrued Expense 2016</b>		<b>29,675</b>	<b>504</b>	<b>163</b>	<b>148</b>	<b>30,493</b>	<b>\$ 18,034</b>	<b>\$ 8,258</b>	<b>\$ 9,172</b>	<b>\$ 1,211,883</b>	<b>\$ 1,194,149</b>	<b>\$ 17,734</b>	<b>1.5%</b>	<b>\$ 7,000</b>	<b>\$ 9,360</b>	<b>\$ 285,600</b>	<b>\$ 131,792</b>	<b>\$ 17,572</b>	<b>\$ 72,869</b>	<b>\$ 17,299</b>	<b>\$ 1,964</b>	<b>\$ 543,456</b>	<b>\$ 500,746</b>	<b>\$ 42,710</b>	<b>8.5%</b>	<b>\$ 1,738,979</b>	<b>\$ 1,694,895</b>	<b>\$ 60,443</b>	<b>3.6%</b>

(1) Total gross pay for 2016 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.



## 2016 Salaries & Wages

### 2016 - Budget

	Across the Board Increase	1.6%	Lump sum	\$ -		
<b>MANAGEMENT</b>						
TITLE	Steps	Step 1	Step 2	Step 3	Step 4	Step 5
Finance Manager	5	\$ 97,793.42	\$ 102,911.29	\$ 108,298.54	\$ 113,969.31	\$ 119,718.07
Operations Manager Certification Pay (5%)	5	\$ 97,793.42	\$ 102,911.29	\$ 108,298.54	\$ 113,969.31	\$ 119,718.07 \$ 5,985.90
<b>FINANCE &amp; ADMIN.DEPARTMENT</b>						
TITLE	Steps	Step 1	Step 2	Step 3	Step 4	
Executive Assistant rate per hour	4	\$ 55,328.00 \$ 26.6000	\$ 59,984.34 \$ 28.8386	\$ 64,512.38 \$ 31.0156	\$ 67,738.00 \$ 32.5663	
Senior Accountant rate per hour	4	\$ 64,085.21 \$ 30.8102	\$ 67,991.14 \$ 32.6880	\$ 71,765.59 \$ 34.5027	\$ 75,353.87 \$ 36.2278	
Customer Care Specialist II rate per hour	3	\$ 60,026.04 \$ 28.8587	\$ 63,027.34 \$ 30.3016	\$ 66,178.71 \$ 31.8167		
Customer Care Specialist I rate per hour	3	\$ 51,460.77 \$ 24.7408	\$ 54,033.81 \$ 25.9778	\$ 56,735.50 \$ 27.2767		
<b>OPERATIONS DEPARTMENT</b>						
TITLE		YEAR 1	YEAR 2+	YEAR 3+		
Field Inspector/Project Manager* rate per hour	3	\$ 88,740.07 \$ 42.6635	\$ 93,149.38 \$ 44.7834	\$ 97,779.15 \$ 47.0092		
Operations Lead rate per hour	2	\$ 77,329.40 \$ 37.1776	\$ 82,892.48 \$ 39.8522			
Utility Person IV / Water Quality rate per hour	2	\$ 67,315.02 \$ 32.3630	\$ 71,765.27 \$ 34.5025			
Utility Person IV rate per hour	2	\$ 67,315.02 \$ 32.3630	\$ 71,765.27 \$ 34.5025			
Utility Person III rate per hour	2	\$ 59,526.29 \$ 28.6184	\$ 62,863.72 \$ 30.2229			
Utility Person II rate per hour	2	\$ 53,962.16 \$ 25.9433	\$ 57,300.64 \$ 27.5484			
Utility Person I rate per hour	2	\$ 48,733.98 \$ 23.4298	\$ 51,737.56 \$ 24.8738			
Standby Pay - weekly rate		\$ 340.2653				



## **Capital Costs**

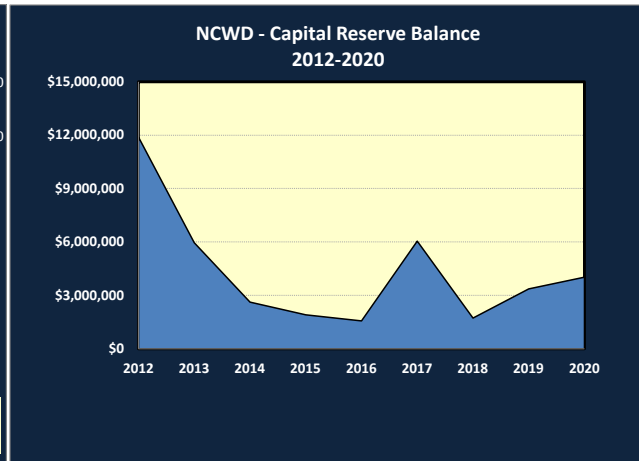
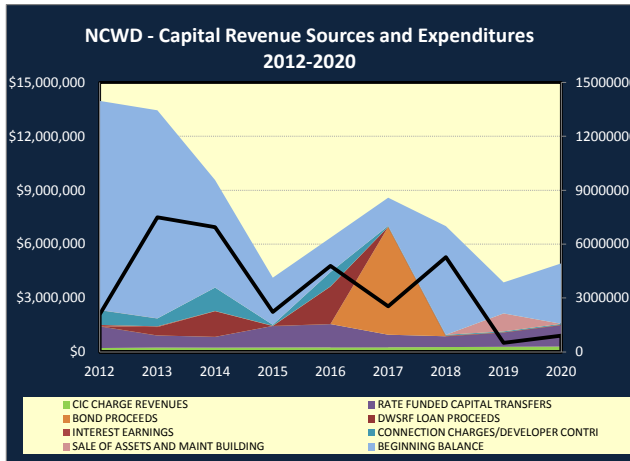




## Capital Plan Summary

2016 - Budget

	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020
<b>SOURCES:</b>								
Construction Fund Beginning Balance	\$ 155,724	\$ 2,620,955	\$ 1,907,153	\$ 1,565,777	\$ 6,045,773	\$ 1,725,215	\$ 3,363,303	\$ 2,620,955
Transfers from Sinking fund	3,010,507	-	-	-	-	-	-	-
Transfers from the Maintenance Fund	3,179,576	1,443,904	1,551,221	958,757	870,919	1,083,652	1,496,984	7,405,436
Interest Earnings	129,614	14,104	10,263	8,426	32,534	9,284	18,099	92,708
Connection Fees	1,065,899	52,354	797,880	50,000	50,000	50,000	50,000	1,050,234
2011 Bond Proceeds	8,200,000	-	-	-	-	-	-	-
2017 Bond Proceeds	-	-	-	6,000,000	-	-	-	6,000,000
Sale of Old Maintenance Property	-	-	-	-	-	1,000,000	-	1,000,000
DWSRF Loan	521,763	-	-	-	-	-	-	-
DWSRF Loan	1,376,958	-	2,087,042	-	-	-	-	2,087,042
Wireless Building Funding	791,148	-	-	-	-	-	-	-
Contribution by Joint Venture Developers	294,426	-	-	-	-	-	-	-
Contribution Towards Escrowed Funds	416,000	-	-	-	-	-	-	-
<b>TOTAL SOURCES</b>	<b>19,141,616</b>	<b>4,131,316</b>	<b>6,353,558</b>	<b>8,582,960</b>	<b>6,999,226</b>	<b>3,868,151</b>	<b>4,928,386</b>	<b>20,256,375</b>
<b>USES:</b>								
Admin Building - Design / Construction / Furniture & Oth	4,179,838	-	-	-	-	-	-	-
Additional Items	37,886	-	-	-	-	-	-	-
Back Lot	204,969	-	-	-	-	-	-	-
NCPS - 4MG Reservoir- Design and Construction	1,303,109	1,190,502	3,872,551	244,919	-	-	-	5,307,972
All Other NCPS Costs	-	404,746	315,548	-	-	-	-	720,294
NE 178th Street / McAleer Creek/LFP Culvert -	13,306	33,596	160,011	-	-	-	-	193,608
Water System Plan Updates	102,383	33,333	90,125	7,034	-	-	-	130,493
PRV Replace - Ridgecrest	15,589	137,946	-	-	-	-	-	137,946
GIS Project	-	1,233	45,100	31,142	32,387	33,683	35,030	178,576
Water Sample Stands -Legal and other	-	26,010	28,701	-	-	-	-	54,711
System-wide - Rebuild/Replace PRV Stations	-	-	112,947	275,257	286,267	297,718	-	972,189
CIP #4 - 15th and 24th	254,559	-	-	-	-	-	-	-
Maintenance Building	7,500	-	-	-	-	-	-	-
Land for Maintenance Building	2,463,525	-	-	-	-	-	-	-
Wireless Bldg, Railing on North City PS - CIP 3.7MG Re	2,404,758	79,903	-	-	-	-	-	79,903
Meter Replacement Program	1,844,527	-	-	-	-	-	-	-
Joint Developer Projects	702,874	-	-	-	-	-	-	-
DSA and YMCA WESAs	242,687	-	-	-	-	-	-	-
Main Replc - NE 185th/187th - 28th/29th Ave NE	526,077	5,577	-	-	-	-	-	5,577
Telemetry/SCADA	261,012	-	-	-	-	-	-	-
Miscellaneous Completed Projects	682,430	-	-	-	-	-	-	-
Building for Maintenance Building	1,020,907	-	-	1,686,321	3,761,773	-	-	5,448,094
2.0 MG Reservoir Capial Improvements - Construction	-	-	-	118,843	-	-	-	118,843
CP 1f - 18th Ave	-	-	-	-	163,564	-	-	163,564
CP 10 - 19th Ave NE	-	-	-	-	214,982	-	-	214,982
CP 35 - NE 171st	-	-	-	-	99,399	-	-	99,399
CP 1i - NE 169th St & 22nd Ave NE	-	-	-	-	17,268	-	-	17,268
CP 2d - NE 160th and CP1i - NE 169th	-	-	-	-	515,936	-	-	515,936
CP 33 - 20th Place and CP12 - 200th / 25th	-	-	-	-	-	-	349,621	349,621
CP 12 - NE 200th St./25th Ave. NE	-	-	-	-	-	-	346,526	346,526
Meters/Services/Hydrants	91,401	167,788	14,999	15,449	16,067	16,710	17,378	248,390
Computer and Office Equipment	42,178	13,528	17,800	28,222	36,367	26,737	27,575	150,229
Capitalized Interest	-	130,000	130,000	130,000	130,000	130,000	130,000	780,000
<b>TOTAL USES</b>	<b>16,401,515</b>	<b>2,224,163</b>	<b>4,787,781</b>	<b>2,537,187</b>	<b>5,274,010</b>	<b>504,848</b>	<b>906,130</b>	<b>16,234,119</b>
<b>ENDING BALANCE (Net Surplus)</b>	<b>\$2,740,100</b>	<b>\$1,907,153</b>	<b>\$1,565,777</b>	<b>\$6,045,773</b>	<b>\$1,725,215</b>	<b>\$3,363,303</b>	<b>\$4,022,255</b>	<b>\$4,022,255</b>





**Capital Plan - Project**

**2016 - 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	\$ 1,372,642	-	321,000					\$ 321,000	\$ 1,693,642
Construction - NCPS		1,248,497	3,738,474					4,986,972	4,986,972
Construction Savings		-	-	-				-	-
Retainage		(57,995)	(186,924)	244,919				-	-
Site Management		20,856	47,765					68,621	68,621
Inspection - Consultants		248,945	96,447					345,392	345,392
Inspection - In-house		54,594	80,799					135,394	135,394
Crew time		-	-					-	-
Project management		61,203	90,537					151,740	151,740
Legal & other		19,147	-					19,147	19,147
<b>Total Costs</b>	<b>\$ 1,372,642</b>	<b>\$ 1,595,249</b>	<b>\$ 4,188,098</b>	<b>\$ 244,919</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,028,265</b>	<b>\$ 7,400,907</b>

**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 accomodate/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**  
**2016 - 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	\$ -	\$ 7,968						\$ 7,968	\$ 7,968
Construction		-	160,011					160,011	160,011
Inspection		4,483	-					4,483	4,483
Crew time		6,354	-					6,354	6,354
Project management		750	-					750	750
Materials, legal & other		14,041	-					14,041	14,041
<b>Total Costs</b>		<b>\$ 33,596</b>	<b>\$ 160,011</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 193,608</b>	<b>\$ 193,608</b>

**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**  
**2016 - Budget**

**Water System Plan Update**

Status: Ongoing

Locations: District wide

Funding Source: Rates

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	\$ 70,000	\$ -	\$ -		\$ -	\$ 100,000	\$ 100,000
Crew time		-	-	-	-		-	-	-
Project management / review		-	12,416	4,304	-		-	16,721	16,721
Management review		-	4,375	2,730	-		-	7,105	7,105
Legal & other		3,333	3,333	-	-		-	6,667	6,667
<b>Total Costs</b>		<b>\$ 33,333</b>	<b>\$ 90,125</b>	<b>\$ 7,034</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 130,493</b>	<b>\$ 130,493</b>

**Project description:** North City Water District's water system plan was adopted by the Board of Commissioners in 2011. The District made changes to the plan based on review comments and was approved by DOH in January 2014. The District expects to calibrate and update its hydraulic model in 2016 once the North City Pump Station project is completed then update the CIP schedule in 2016/2017. They will also be updating the Water Shortage Contingency Plan (WSCP). The CIP and WSCP will be submitted to DOH and King County for approval in 2017. The District is required to submit new information to the Department of Health prior to January 2020. The District will be expecting to update the Water System Plan by 2024 so to be updated less frequently than the WAC required 6 year cycle.

**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 changing their comprehensive plan to allow for redevelopment of the areas near the NE 145th and 185th Street light rail stations adjacent to the I5 corridor. Water service for redeveloping properties in these areas should be identified. It is unknown of many feet and what diameter of water mains will be required to support these redevelopment areas. The total cost and funding sources of these redevelopment areas are unknown as this time. The hydraulic modeling of the final adopted land use in 2016 will assure appropriate design and construction of water facilities can be coordinated with construction of other infrastructure systems in 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 least life cycle cost for water mains.

GL Code:

2-00-189879

Other project names:

Project 45 Water System Plan - 2013 WSP  
 Comp Plan





**Capital Plan - Project**  
**2016 - Budget**

**Individual Pressure Reducing Valve Installation**  
**Ridgecrest (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	\$ -	\$ 3,289	\$ -					\$ 3,289	\$ 3,289
Construction		129,783	-					129,783	129,783
Inspection		4,874	-					4,874	4,874
Crew time		-	-					-	-
Project management		-	-					-	-
<b>Total Costs</b>		<b>\$ 137,946</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 137,946</b>	<b>\$ 137,946</b>

**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-00-189251  
**Other project names:** In addition to Projects 1e and 1g - 2013 WSP  
 CIP 2013-02 for phase I



**Capital Plan - Project**  
**2016 - 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
Arials		\$ 1,233	\$ 1,233	\$ 1,270	\$ 1,321	\$ 1,374	\$ 1,429	\$ 7,859	\$ 7,859
ESRI with annual update		-	30,000	15,450	16,068	16,711	17,379	95,608	95,608
District labor		-	13,867	14,422	14,999	15,599	16,223	75,109	75,109
<b>Total Costs</b>		<b>\$ 1,233</b>	<b>\$ 45,100</b>	<b>\$ 31,142</b>	<b>\$ 32,387</b>	<b>\$ 33,683</b>	<b>\$ 35,030</b>	<b>\$ 178,576</b>	<b>\$ 178,576</b>

**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**  
**2016 - Budget**

**Additional Water Quality Sample Stands**

Status: Projected

Locations: Six, in various locations

Funding Source: Rates

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction		\$ 25,530	\$ 13,000	\$ -	\$ -	\$ -	\$ -	\$ 38,530	\$ 38,530
Crew time		\$ 480	\$ 14,748	\$ -	\$ -	\$ -	\$ -	\$ 15,228	\$ 15,228
Project management		\$ -	\$ 853	\$ -	\$ -	\$ -	\$ -	\$ 853	\$ 853
Legal & other		-	100	-	-	-	-	100	100
<b>Total Costs</b>		<b>\$ 26,010</b>	<b>\$ 28,701</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 54,711</b>	<b>\$ 54,711</b>

**Project description:** The District identified in its Coliform Monitoring Plan to install six additional water quality sampling locations and upgrade the coliform repeat sampling locations both upstream and downstream of the 16 sampling stand locations.

**Rationale:** Additional sampling stands and upgrading the coliform repeat sampling locations will improve the District's water quality monitoring to ensure the water system is free of bacteria. The new locations have not yet been identified but the water from the sampling stands may have to be discharged into a sewer main near the stand which may require a monthly charge.

GL Code:

Other project names:



**Capital Plan - Project**  
**2016 - 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	\$ -	\$ -	\$ 75,000	\$ 247,200	\$ 257,088	\$ 267,372		\$ 846,660	\$ 846,660
Crew time		-	33,808	25,905	26,941	28,019		114,673	114,673
Project management		-	4,139	2,152	2,238	2,328		10,857	10,857
<b>Total Costs</b>		\$ -	\$ 112,947	\$ 275,257	\$ 286,267	\$ 297,718	\$ -	\$ 972,189	\$ 972,189

**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, 1-00-189300  
 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**  
**2016 - 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	\$ -		472,770				\$ 472,770	\$ 480,270
Land Costs	\$ 2,355,322								2,355,322
Building Costs	\$ 1,020,907								1,020,907
Site Plan		-	-	52,530	-	-	-	52,530	52,530
Permit		-	-	29,355	-	-	-	29,355	29,355
Demo		-	-	25,750	79,537	-	-	105,287	105,287
Sidewalks		-	-	31,055	95,921	-	-	126,976	126,976
Generator		-	-	12,875	39,768	-	-	52,643	52,643
Stormwater Improvements		-	-	12,875	39,768	-	-	52,643	52,643
Security		-	-	3,863	11,930	-	-	15,793	15,793
Fencing and gates		-	-	36,243	111,948	-	-	148,191	148,191
Crew building		-	-	115,875	357,915	-	-	473,790	473,790
Metal Building		-	-	772,758	2,386,893	-	-	3,159,651	3,159,651
Contingency for buildings		-	-	-	513,105	-	-	513,105	513,105
Crew time design/const & moving		-	-	30,455	31,673	-	-	62,128	62,128
Project management		-	-	66,718	69,386	-	-	136,104	136,104
Management review		-	-	18,200	18,928	-	-	37,128	37,128
Legal & other			-	5,000	5,000	-	-	10,000	10,000
<b>Total Costs</b>	<b>\$ 3,383,728</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,686,321</b>	<b>\$ 3,761,773</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,448,094</b>	<b>\$ 8,831,822</b>

**Project description:** Design and construct a new maintenance building. Project assumes to include: \$450,000 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 \$3,000,00 for a new building based on Soos Creek 2015 bid. 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 May 2016 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**  
**2016 - Budget**

**2.0 MG Reservoir Misc Capital Improvements**

Status: Projected

Locations: 2.0 MG reservoir site

Funding Source: Rates

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction		\$ -	\$ -	\$ 114,400	\$ -	\$ -	\$ -	\$ 114,400	\$ 114,400
Inspection		-	-	724	-	-	-	\$ 724	\$ 724
Crew time		-	-	2,273	-	-	-	\$ 2,273	\$ 2,273
Project management		-	-	946	-	-	-	\$ 946	\$ 946
Legal & other		-	-	500	-	-	-	500	500
<b>Total Costs</b>		\$ -	\$ -	\$ 118,843	\$ -	\$ -	\$ -	\$ 118,843	\$ 118,843

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

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

GL Code:

Other project names:



**Capital Plan - Project**  
**2016 - 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			\$ -	\$ -	\$ 145,683			\$ 145,683	\$ 145,683
Inspection			-	-	8,218			8,218	8,218
Crew time			-	-	-			-	-
Project management			-	-	7,162			7,162	7,162
Legal & other			-	-	2,500			2,500	2,500
<b>Total Costs</b>		\$ -	\$ -	\$ -	\$ 163,564	\$ -	\$ -	\$ 163,564	\$ 163,564

**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**  
**2016 - 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			\$ -	\$ -	\$ 197,101			\$ 197,101	\$ 197,101
Inspection			-	-	8,218			8,218	8,218
Crew time			-	-	-			-	-
Project management			-	-	7,162			7,162	7,162
Legal & other			-	-	2,500			2,500	2,500
<b>Total Costs</b>		\$ -	\$ -	\$ -	\$ 214,982	\$ -	\$ -	\$ 214,982	\$ 214,982

**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**  
**2016 - 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				\$ -	\$ 87,838			\$ 87,838	\$ 87,838
Inspection				-	5,479			5,479	5,479
Crew time				-	-			-	-
Project management				-	3,581			3,581	3,581
Legal & other				-	2,500			2,500	2,500
<b>Total Costs</b>		\$ -	\$ -	\$ -	\$ 99,399	\$ -	\$ -	\$ 99,399	\$ 99,399

**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**  
**2016 - Budget**

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

Status: Projected

Locations: NE 169th Street & 22nd Avenue NE

Funding Source: Rates

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction				\$ -	\$ 10,712			\$ 10,712	\$ 10,712
Inspection				-	1,370			1,370	1,370
Crew time				-	-			-	-
Project management				-	2,686			2,686	2,686
Legal & other				-	2,500			2,500	2,500
<b>Total Costs</b>		\$ -	\$ -	\$ -	\$ 17,268	\$ -	\$ -	\$ 17,268	\$ 17,268

**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**

**2016 - 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				\$ -	\$ 494,894			\$ 494,894	\$ 494,894
Inspection				-	9,588			9,588	9,588
Crew time				-	-			-	-
Project management				-	8,953			8,953	8,953
Legal & other				-	2,500			2,500	2,500
<b>Total Costs</b>		\$ -	\$ -	\$ -	\$ 515,936	\$ -	\$ -	\$ 515,936	\$ 515,936

**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**  
**2016 - 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							\$ 323,252	\$ 323,252	\$ 323,252
Inspection							11,852	11,852	11,852
Crew time							-	-	-
Project management							11,620	11,620	11,620
Legal & other							2,897	2,897	2,897
<b>Total Costs</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 349,621	\$ 349,621	\$ 349,621

**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**  
**2016 - Budget**

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

Status: Projected

Locations: NE 200th Street/25th Avenue N

Funding Source: Rates

Permits:

Project Elements	2012-2014	2015	2016	2017	2018	2019	2020	2015-2020	Project Total
Construction							\$ 322,094	\$ 322,094	\$ 322,094
Inspection							11,852	11,852	11,852
Crew time							-	-	-
Project management							9,684	9,684	9,684
Legal & other							2,897	2,897	2,897
<b>Total Costs</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 346,526	\$ 346,526	\$ 346,526

**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**

**2016 - 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 and Services Replacements		\$ 164,809	\$ 8,333	\$ 8,583	\$ 8,926	\$ 9,283	\$ 9,655	\$ 209,589	\$ 209,589
Valves Replacements		-	3,333	3,433	3,570	3,713	3,862	17,911	17,911
Hydrant Replacements		2,979	3,333	3,433	3,570	3,713	3,862	20,890	20,890
Technology Additions & Replc.		13,528	7,800	17,922	14,943	15,597	15,989	85,779	85,779
Tools, Equipment and Furniture		-	10,000	10,300	21,424	11,140	11,586	64,451	64,451
<b>Total Costs</b>		<b>\$ 181,316</b>	<b>\$ 32,799</b>	<b>\$ 43,671</b>	<b>\$ 52,434</b>	<b>\$ 43,447</b>	<b>\$ 44,953</b>	<b>\$ 398,620</b>	<b>\$ 398,620</b>

**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.

**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

### 2016 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2015	2016	2017	2018	2019	2020	2021	TOTAL
Unit # 1 2007 Intern't Vac-Con 5204	2009	12	2021	-	-	-	-	-	-	400,000	\$ 400,000
Unit # 2 2010 F-150 P/U	2010	10	2020	-	-	-	-	-	30,000	-	\$ 30,000
Unit # 3 2010 F-150 P/U	2010	10	2020	-	-	-	-	-	30,000	-	\$ 30,000
Unit # 4 2000 Dodge P/U	2000	10	2015	30,480	-	-	-	-	-	-	\$ 30,480
Unit # 5 GMC 10 Yard Dump	1997	20	2017	-	-	102,000	-	-	-	-	\$ 102,000
Unit # 8 2010 F-150 4x4	2010	10	2020	-	-	-	-	-	35,000	-	\$ 35,000
Unit # 15 2001 Chevy P/U	2001	10	2015	34,480	-	-	-	-	-	-	\$ 34,480
Unit # 17 2007 Interl 5 Yard Dump	2007	15	2022	-	-	-	-	-	-	-	\$ -
Unit # 18 2013 F-350 Service Body	2013	15	2028	-	-	-	-	-	-	-	\$ -
Unit # 19 2013 F-150 P/U	2013	10	2023	-	-	-	-	-	-	-	\$ -
Unit # 20 F-550 Service Van	2013	15	2028	-	-	-	-	-	-	-	\$ -
2000 Durango	2000	10	2015	38,590	-	-	-	-	-	-	\$ 38,590
District Manager Vehicle	2015	10	2025	38,590	-	-	-	-	-	-	\$ 38,590
TR-1 Backhoe 1991	1991	35	2026	-	-	-	-	-	-	-	\$ -
TR-2 Backhoe 2003	2003	35	2038	-	-	-	-	-	-	-	\$ -
<b>TOTAL</b>				<b>\$ 142,140</b>	<b>\$ -</b>	<b>\$ 102,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 95,000</b>	<b>\$ 400,000</b>	<b>\$ 739,140</b>

Vehicle Replacement Account	2015	2016	2017	2018	2019	2020	2021	Total
<b>BEGINNING BALANCE</b>	<b>\$ 120,000</b>	<b>\$ 115,217</b>	<b>\$ 194,945</b>	<b>\$ 183,577</b>	<b>\$ 274,127</b>	<b>\$ 372,551</b>	<b>\$ 379,414</b>	<b>\$ 120,000</b>
<u>Sources:</u>								
Net Interest Earnings	1,200	1,728	3,899	4,589	8,224	13,039	13,280	45,959
Revenue from Surplus Sales	17,000	-	12,879	-	-	13,493	-	43,373
Transfer from Operating Revenues	122,000	95,000	100,000	105,000	110,000	116,000	121,000	769,000
<b>Total Sources</b>	<b>\$ 260,200</b>	<b>\$ 211,945</b>	<b>\$ 311,724</b>	<b>\$ 293,166</b>	<b>\$ 392,351</b>	<b>\$ 515,083</b>	<b>\$ 513,694</b>	<b>\$ 978,332</b>
<u>Uses:</u>								
Unit # 1 2007 Intern't Vac-Con 5204	-	-	-	-	-	-	(503,912)	(503,912)
Unit # 1 2007 Intern't Vac-Con 5205 - ANNUAL Major Main	-	(17,000)	(18,307)	(19,039)	(19,801)	(20,593)	-	(94,739)
Unit # 2 2010 F-150 P/U	-	-	-	-	-	(36,340)	-	(36,340)
Unit # 3 2010 F-150 P/U	-	-	-	-	-	(36,340)	-	(36,340)
Unit # 4 2000 Dodge P/U - Unit 21 2015 Ford Explorer	(31,090)	-	-	-	-	-	-	(31,090)
Unit # 5 GMC 10 Yard Dump	-	-	(109,840)	-	-	-	-	(109,840)
Unit # 8 2010 F-150 4x4	-	-	-	-	-	(42,396)	-	(42,396)
Unit # 15 2001 Chevy P/U - Unit 22 2015 Ford Explorer	(35,170)	-	-	-	-	-	-	(35,170)
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 - Unit 23 2015 Ford Explorer	(39,362)	-	-	-	-	-	-	(39,362)
District Manager Vehicle - Unit 24 2015 Ford Explorer	(39,362)	-	-	-	-	-	-	(39,362)
TR-1 Backhoe 1991	-	-	-	-	-	-	-	-
TR-2 Backhoe 2001	-	-	-	-	-	-	-	-
<b>Total Uses</b>	<b>\$ (144,983)</b>	<b>\$ (17,000)</b>	<b>\$ (128,147)</b>	<b>\$ (19,039)</b>	<b>\$ (19,801)</b>	<b>\$ (135,669)</b>	<b>\$ (503,912)</b>	<b>\$ (968,550)</b>
<b>ENDING BALANCE</b>	<b>\$ 115,217</b>	<b>\$ 194,945</b>	<b>\$ 183,577</b>	<b>\$ 274,127</b>	<b>\$ 372,551</b>	<b>\$ 379,414</b>	<b>\$ 9,782</b>	<b>\$ 9,782</b>

**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

### 2016 Budget

Vehicle Replacement Plan	Year in Service	Life	Initial Repl Yr	2022	2023	2024	2025	2026	2027	2028	TOTAL
Unit # 1 2007 Intern't Vac-Con 5204	2009	12	2021	-	-	-	-	-	-	-	\$ -
Unit # 2 2010 F-150 P/U	2010	10	2020	-	-	-	-	-	-	-	\$ -
Unit # 3 2010 F-150 P/U	2010	10	2020	-	-	-	-	-	-	-	\$ -
Unit # 4 2000 Dodge P/U	2000	10	2015	-	-	-	30,000	-	-	-	\$ 30,000
Unit # 5 GMC 10 Yard Dump	1997	20	2017	-	-	-	-	-	-	-	\$ -
Unit # 8 2010 F-150 4x4	2010	10	2020	-	-	-	-	-	-	-	\$ -
Unit # 15 2001 Chevy P/U	2001	10	2015	-	-	-	35,000	-	-	-	\$ 35,000
Unit # 17 2007 Interl 5 Yard Dump	2007	15	2022	92,000	-	-	-	-	-	-	\$ 92,000
Unit # 18 2013 F-350 Service Body	2013	15	2028	-	-	-	-	-	-	56,000	\$ 56,000
Unit # 19 2013 F-150 P/U	2013	10	2023	-	90,000	-	-	-	-	-	\$ 90,000
Unit # 20 F-550 Service Van	2013	15	2028	-	-	-	-	-	-	93,000	\$ 93,000
2000 Durango	2000	10	2015	-	-	-	38,600	-	-	-	\$ 38,600
District Manager Vehicle	2015	10	2025	-	-	-	38,600	-	-	-	\$ 38,600
TR-1 Backhoe 1991	1991	35	2026	-	-	-	-	108,000	-	-	\$ 108,000
TR-2 Backhoe 2003	2003	35	2038	-	-	-	-	-	-	-	\$ -
<b>TOTAL</b>				<b>\$ 92,000</b>	<b>\$ 90,000</b>	<b>\$ -</b>	<b>\$ 142,200</b>	<b>\$ 108,000</b>	<b>\$ -</b>	<b>\$ 149,000</b>	<b>\$ 581,200</b>

Vehicle Replacement Account	2022	2023	2024	2025	2026	2027	2028	Total
<b>BEGINNING BALANCE</b>	<b>\$ 9,782</b>	<b>\$ 29,722</b>	<b>\$ 53,510</b>	<b>\$ 191,383</b>	<b>\$ 154,085</b>	<b>\$ 160,354</b>	<b>\$ 318,967</b>	<b>\$ 9,782</b>
<u>Sources:</u>								
Net Interest Earnings	342	1,040	1,873	6,698	5,393	5,612	11,164	32,123
Revenue from Surplus Sales	14,133	14,379	-	24,573	19,410	-	28,963	101,459
Transfer from Operating Revenues	126,000	131,000	136,000	141,000	147,000	153,000	159,000	993,000
<b>Total Sources</b>	<b>\$ 150,258</b>	<b>\$ 176,142</b>	<b>\$ 191,383</b>	<b>\$ 363,654</b>	<b>\$ 325,887</b>	<b>\$ 318,967</b>	<b>\$ 518,094</b>	<b>\$ 1,136,364</b>
<u>Uses:</u>								
Unit # 1 2007 Intern't Vac-Con 5204	-	-	-	-	-	-	-	-
Unit # 1 2007 Intern't Vac-Con 5205 - ANNUAL Major Main	-	-	-	-	-	-	(28,182)	(28,182)
Unit # 2 2010 F-150 P/U	-	-	-	-	-	-	-	-
Unit # 3 2010 F-150 P/U	-	-	-	-	-	-	-	-
Unit # 4 2000 Dodge P/U - Unit 21 2015 Ford Explorer	-	-	-	(44,213)	-	-	-	(44,213)
Unit # 5 GMC 10 Yard Dump	-	-	-	-	-	-	-	-
Unit # 8 2010 F-150 4x4	-	-	-	-	-	-	-	-
Unit # 15 2001 Chevy P/U - Unit 22 2015 Ford Explorer	-	-	-	(51,582)	-	-	-	(51,582)
Unit # 17 2007 International 5 Yard Dump	(120,536)	-	-	-	-	-	-	(120,536)
Unit # 18 2013 F-350 Service Body	-	-	-	-	-	-	(92,836)	(92,836)
Unit # 19 2013 F-150 P/U	-	(122,632)	-	-	-	-	-	(122,632)
Unit # 20 F-550 Service Van	-	-	-	-	-	-	(154,174)	(154,174)
2000 Durango - Unit 23 2015 Ford Explorer	-	-	-	(56,887)	-	-	-	(56,887)
District Manager Vehicle - Unit 24 2015 Ford Explorer	-	-	-	(56,887)	-	-	-	(56,887)
TR-1 Backhoe 1991	-	-	-	-	(165,533)	-	-	(165,533)
TR-2 Backhoe 2001	-	-	-	-	-	-	-	-
<b>Total Uses</b>	<b>\$ (120,536)</b>	<b>\$ (122,632)</b>	<b>\$ -</b>	<b>\$ (209,569)</b>	<b>\$ (165,533)</b>	<b>\$ -</b>	<b>\$ (275,192)</b>	<b>\$ (893,462)</b>
<b>ENDING BALANCE</b>	<b>\$ 29,722</b>	<b>\$ 53,510</b>	<b>\$ 191,383</b>	<b>\$ 154,085</b>	<b>\$ 160,354</b>	<b>\$ 318,967</b>	<b>\$ 242,901</b>	<b>\$ 242,901</b>

**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

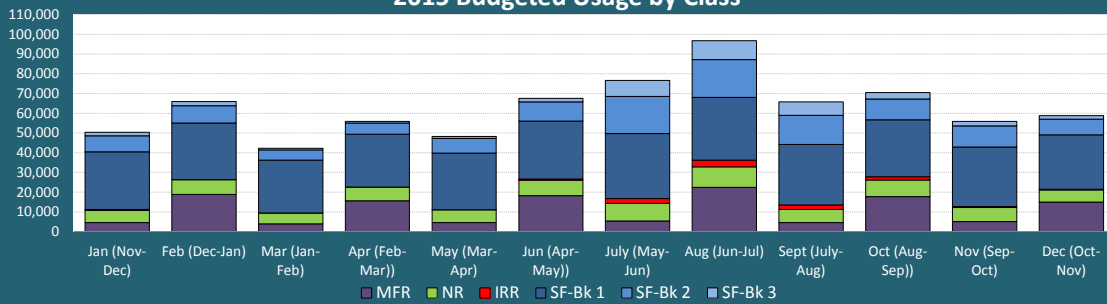
### 2016 - Budget

Year	2011 Revenue Bond \$9,865,000		PWTF Loan	DWSRF Loan	COMBINED	CAPITALIZED	NET
	Principal	Interest	Prin & Int	Est. Prin & Int	ANNUAL DEBT SERVICE	INTEREST	DEBT SERVICE
2012	\$ 480,000	\$ 201,014	\$ 84,692		\$ 765,706		\$ 765,706
2013	510,000	256,448	83,536		849,984	(168,177)	681,807
2014	520,000	246,248	50,031		816,279	(147,739)	668,540
2015	525,000	235,848		37,894	798,742	(130,000)	668,742
<b>2016</b>	<b>540,000</b>	<b>225,348</b>		<b>230,797</b>	<b>996,145</b>	<b>(130,000)</b>	<b>866,145</b>
2017	555,000	214,548		230,797	1,000,345	(130,000)	870,345
2018	565,000	203,448		230,797	999,245		999,245
2019	580,000	192,148		230,797	1,002,945		1,002,945
2020	395,000	179,098		230,797	804,895		804,895
2021	405,000	169,223		230,797	805,020		805,020
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				192,903	192,903		192,903
2036					-		
<b>TOTAL</b>	<b>\$ 9,865,000</b>	<b>\$ 3,087,189</b>	<b>\$ 218,260</b>	<b>\$ 4,615,940</b>	<b>\$ 17,786,389</b>	<b>\$ (705,916)</b>	<b>\$ 17,080,473</b>



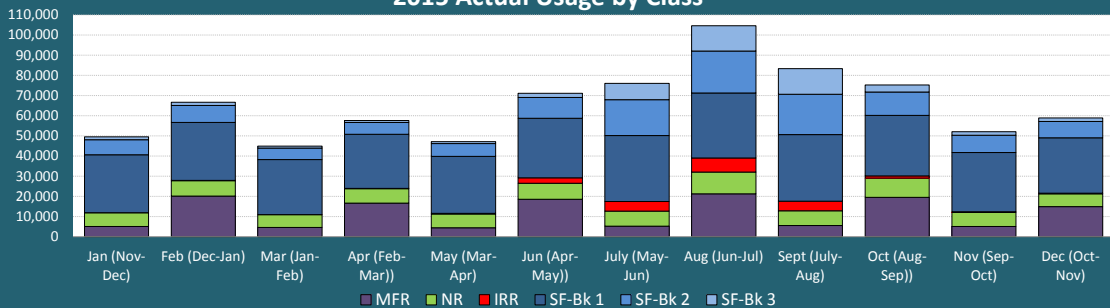
## **Revenues**

2015 Budgeted Usage by Class



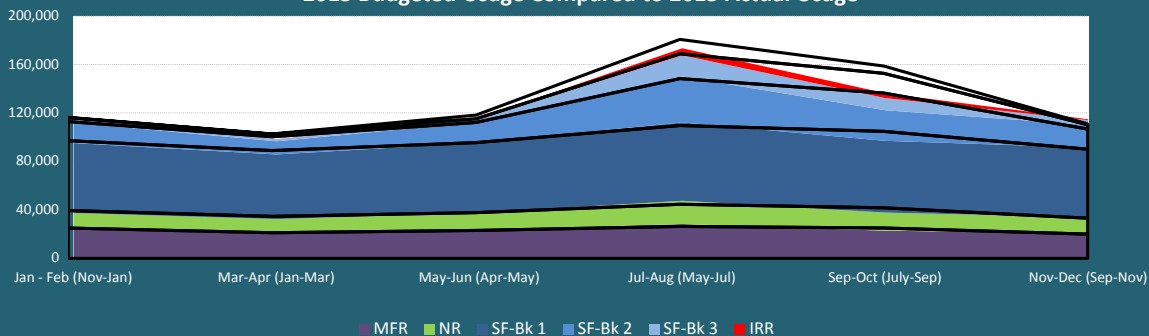
BLOCKS	Jan (Nov-Dec)	Feb (Dec-Jan)	Mar (Jan-Feb)	Apr (Feb-Mar)	May (Mar-Apr)	Jun (Apr-May)	July (May-Jun)	Aug (Jun-Jul)	Sept (July-Aug)	Oct (Aug-Sept)	Nov (Sep-Oct)	Dec (Oct-Nov)	Total
IRR	523	142	4	114	26	587	2,379	3,431	2,384	1,692	399	309	11,990
NR	6,068	7,417	5,475	6,859	6,404	7,884	8,883	10,366	6,569	8,422	7,146	6,239	87,732
MFR	4,683	18,853	3,985	15,701	4,683	18,203	5,486	22,431	4,652	17,772	5,146	14,951	136,546
SF-Bk 3	1,822	2,073	758	848	1,009	1,764	8,202	9,435	6,806	3,260	2,242	1,762	39,981
SF-Bk 2	8,102	8,770	5,263	5,646	7,442	9,726	18,715	19,220	14,764	10,549	10,689	8,049	126,935
SF-Bk 1	29,206	28,722	26,756	26,727	28,758	29,374	33,037	31,816	30,647	28,727	30,179	27,533	351,482
<b>Total</b>	<b>50,404</b>	<b>65,977</b>	<b>42,241</b>	<b>55,895</b>	<b>48,322</b>	<b>67,538</b>	<b>76,702</b>	<b>96,699</b>	<b>65,822</b>	<b>70,422</b>	<b>55,801</b>	<b>58,843</b>	<b>754,666</b>

2015 Actual Usage by Class



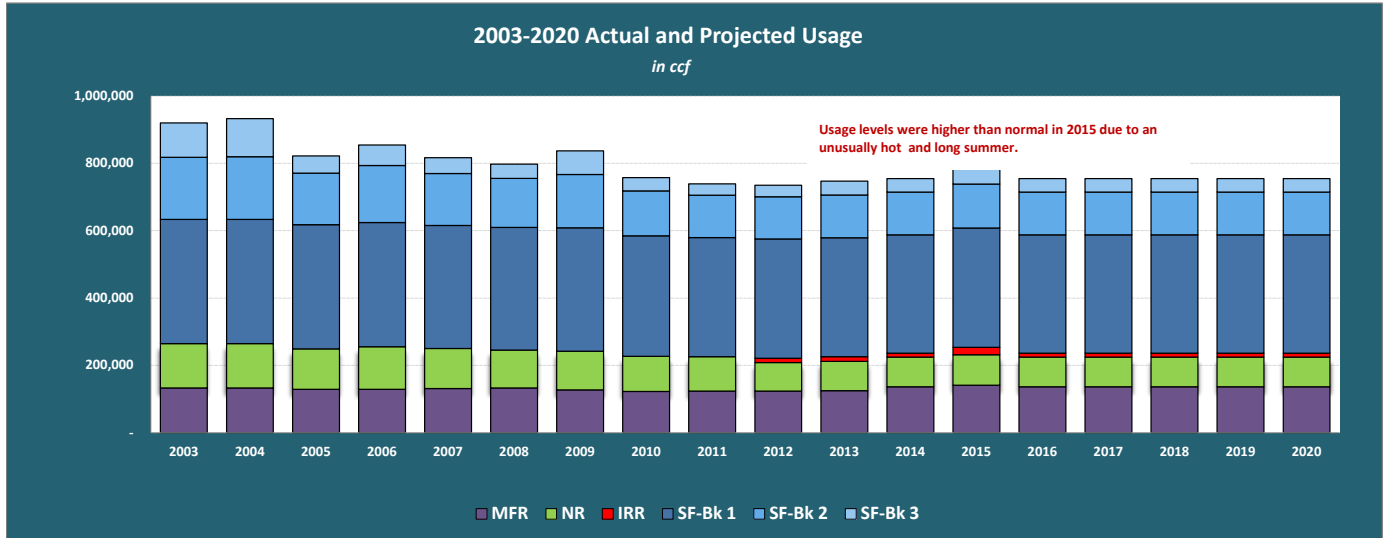
BLOCKS	Jan (Nov-Dec)	Feb (Dec-Jan)	Mar (Jan-Feb)	Apr (Feb-Mar)	May (Mar-Apr)	Jun (Apr-May)	July (May-Jun)	Aug (Jun-Jul)	Sept (July-Aug)	Oct (Aug-Sept)	Nov (Sep-Oct)	Dec (Oct-Nov)	Total
IRR	2	181	1	197	283	2,810	4,829	7,005	4,761	1,250	344	309	21,972
NR	6,804	7,668	6,363	7,147	6,873	7,824	7,489	10,784	7,205	9,433	6,912	6,239	90,741
MFR	4,983	20,046	4,506	16,649	4,433	18,615	5,121	21,245	5,558	19,519	5,062	14,951	140,688
SF-Bk 3	1,521	1,737	1,011	1,099	831	2,138	7,962	12,549	12,691	3,579	1,855	1,762	48,735
SF-Bk 2	7,406	8,356	5,682	5,736	6,408	10,238	17,892	20,809	20,102	11,500	8,532	8,049	130,710
SF-Bk 1	28,869	28,758	27,413	26,863	28,231	29,527	32,683	32,303	33,060	30,013	29,395	27,533	354,648
<b>Total</b>	<b>49,585</b>	<b>66,746</b>	<b>44,976</b>	<b>57,691</b>	<b>47,059</b>	<b>71,152</b>	<b>75,976</b>	<b>104,695</b>	<b>83,377</b>	<b>75,294</b>	<b>52,100</b>	<b>58,843</b>	<b>787,494</b>

2015 Budgeted Usage Compared to 2015 Actual Usage

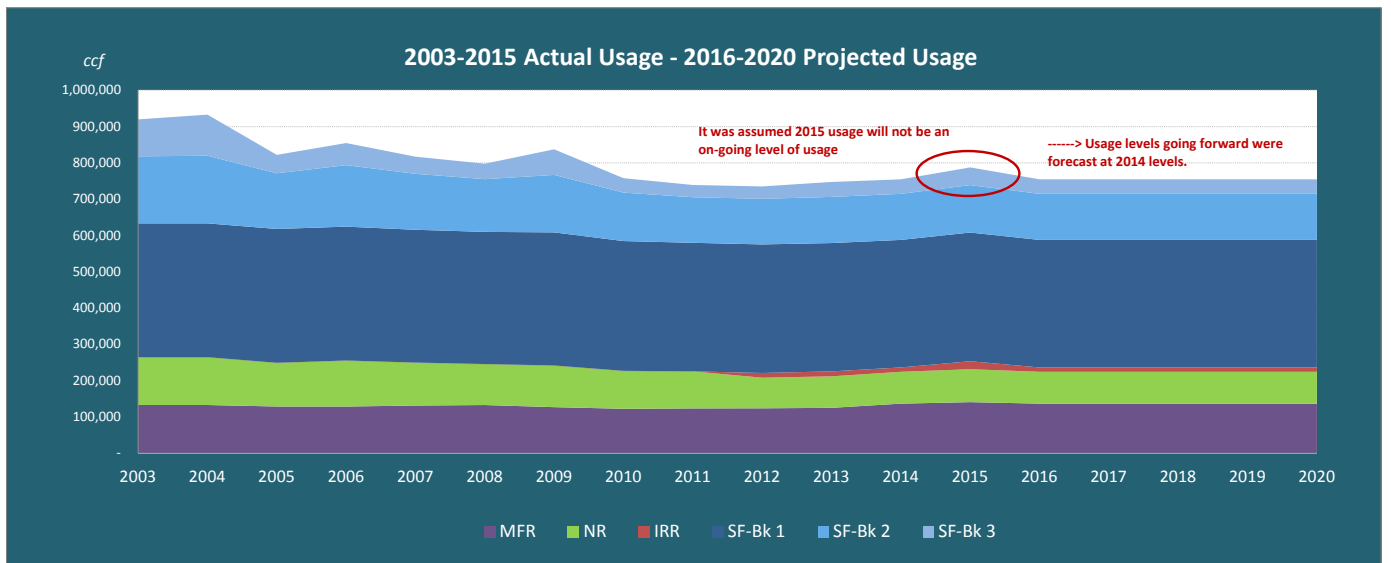


The bold black lines are the 2015 actual usage compared to the budgeted usage for 2015. It shows that most of the extra usage occurred during the summer months, which is consistent with the hot summer experienced in this region. The irrigation customers, and the third block of the single family users is where most of the extra usage occurred. The water usage within the multi-family class (MFR) tracks the mostly closely with the budgeted usage year-round, followed by the non-residential customers, which is consistent with their lower need of water for recreational and irrigation purposes. The non-summer months are completely consistent with the forecast usage for all classes. **Therefore, it was determined that the 2015 budgeted usage (based on usage from 2010-2014) will also be used for 2016-2020 budgeted usage until further data is gathered.**





CLASS / BLOCKS	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
IRR				-	-	-	-	-	-	13,000	13,664	11,990	21,972	11,990	11,990	11,990	11,990	11,990
NR	131,817	131,817	120,507	126,919	118,429	112,958	114,875	104,599	102,056	84,361	86,765	87,732	90,741	87,732	87,732	87,732	87,732	87,732
MFR	132,773	132,773	128,656	128,546	131,322	132,711	126,857	122,364	123,387	123,648	125,007	136,546	140,688	136,546	136,546	136,546	136,546	136,546
SF-Bk 3	101,810	113,220	50,760	60,901	47,186	42,603	70,507	39,733	33,782	34,190	41,167	39,981	48,735	39,981	39,981	39,981	39,981	39,981
SF-Bk 2	184,691	186,385	153,380	169,441	154,214	145,237	158,414	133,506	125,525	125,639	127,160	126,935	130,710	126,935	126,935	126,935	126,935	126,935
SF-Bk 1	368,741	368,741	368,741	368,824	365,916	364,210	366,723	357,603	354,337	354,277	353,647	351,482	354,648	351,482	351,482	351,482	351,482	351,482
TOTAL	919,832	932,937	822,044	854,631	817,067	797,719	837,376	757,805	739,087	735,115	747,410	754,666	787,494	754,666	754,666	754,666	754,666	754,666



Both of the graphs shown above show the actual water usage by class, and by block within the Single Family class, from 2003 through 2015. After 2015, the usage is projected to remain at the 2014 level going forward. The lower block graph is shown as a way to depict the trending in water usage more clearly. It shows that water usage was trending down from 2003 through 2010 and then remained fairly flat until 2015 when there was an unusually hot summer. It is generally understood that the downward trend prior to 2010 (and actually prior to that) is a result of efforts made by utilities to educate users about the benefits of conserving water. During 2015, the use of water during the summer months caused a temporary curtailment in water usage on a regional level but usage for North City customers was not affected as dramatically as it was in other parts of the region. However, usage billed in November of 2015 does show some decline in usage but it is too soon to determine if the North City customers are further conserving water or it is just a natural variability in usage. Therefore the usage forecast will continue at the approximate levels used during the 2010-2014 time frame. The actual water used during the winter months of late 2015 and early 2016 will give us a better idea if the usage forecast needs to show a further downward trend or whether it should remain at the currently forecasted levels. If a downward trend is indicated, this could result in the need for higher rate increases or more efforts taken to cut costs if rate increases are to remain at the currently forecasted levels.



## 2016 Revenue Requirement Increase

2016 - Budget

**Projected 2016 Costs (Needs/Uses):**

Purchased Water:	\$ 1,446,815
Salaries and Benefits	1,621,625
Administration and O&M	791,398
Taxes	346,000
Franchise Fees	363,500
Debt Service	866,145
Capital Transfer	1,300,000
CIC Transfer	251,221
Vehicle Replacement Contribution	95,000
Additions to (Use of ) Reserves	<u>(107,048)</u>
<b>Total Projected 2016 Costs (Needs/Uses)</b>	<b>6,974,656</b>
Plus Growth Revenues	0
Less Interest Earnings	(20,219)
Less Other Revenue ( <i>Late Fees, Rents, Hookups</i> )	(548,820)

<b>Rate Revenues Required in 2016 (<i>Revenue Requirement</i>)</b>	<b>\$ 6,405,618</b>
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Less Projected Revenues at 2015 Existing Rates	(6,219,046)
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<b>Revenue Short Fall</b>	<b>\$ 186,572</b>
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<b>% Rate Revenue Increase Needed in 2016</b>	<b>3.00%</b>
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## Summary of Service & Other Revenue

2016 - Budget

	Base & Usage Revenue	CIC Revenue	ERU Revenue	Franchise Fee Revenue	Total Revenue
<b>Base Revenue - 2016 stats at 2015 Rates</b>					
<b>SERVICE REVENUE</b>					
SINGLE FAMILY	\$ 3,876,486	\$ 141,503	\$ 182,270	\$ 251,460	\$ 4,451,719
MULTI - FAMILY	722,160	49,675	63,929	47,627	883,392
TOTAL NON-RESIDENTIAL	-	-	-	-	-
<i>Commercial</i>	321,188	27,798	35,638	22,605	407,229
<i>Municipal</i>	50,386	15,475	19,946	4,901	90,707
<i>Wholesale</i>	151,962	8,897	11,468	10,392	182,718
TOTAL NON-RESIDENTIAL	523,536	52,170	67,051	37,898	680,655
IRRIGATION	115,516	556	-	11,617	127,689
FIRELINES	76,187	-	-	4,465	80,652
<b>TOTAL SERVICE REVENUE</b>	<b>5,313,885</b>	<b>243,904</b>	<b>313,251</b>	<b>353,067</b>	<b>6,224,106</b>
<b>OTHER REVENUE</b>	<b>601,088</b>				<b>601,088</b>
<b>Total Base Revenue</b>	<b>\$ 5,914,973</b>	<b>\$ 243,904</b>	<b>\$ 313,251</b>	<b>\$ 353,067</b>	<b>\$ 6,825,195</b>
<b>Revenue Increase Needed</b>					
<b>SERVICE REVENUE</b>					
SINGLE FAMILY	\$ 116,295	\$ 4,245	\$ 5,468	\$ 7,544	\$ 133,552
MULTI - FAMILY	21,665	1,490	1,918	1,429	26,502
NON-RESIDENTIAL					
<i>Commercial</i>	9,636	834	1,069	678	12,217
<i>Municipal</i>	1,512	464	598	147	2,721
<i>Wholesale</i>	4,559	267	344	312	5,482
TOTAL NON-RESIDENTIAL	15,706	1,565	2,012	1,137	20,420
IRRIGATION	3,465	17	-	349	3,831
FIRELINES	2,286	-	-	134	2,420
<b>TOTAL SERVICE REVENUE</b>	<b>159,417</b>	<b>7,317</b>	<b>9,398</b>	<b>10,592</b>	<b>186,723</b>
<b>TOTAL OTHER REVENUE</b>	<b>(37,262)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(37,262)</b>
<b>Total Revenue Increase</b>	<b>\$ 122,155</b>	<b>\$ 7,317</b>	<b>\$ 9,398</b>	<b>\$ 10,592</b>	<b>\$ 149,462</b>
<b>Total Revenue - 2016</b>					
<b>SERVICE REVENUE</b>					
SINGLE FAMILY	\$ 3,992,781	\$ 145,748	\$ 187,738	\$ 259,004	\$ 4,585,271
MULTI - FAMILY	743,825	51,166	65,847	49,056	909,894
NON-RESIDENTIAL					
<i>Commercial</i>	330,824	28,632	36,707	23,284	419,446
<i>Municipal</i>	51,898	15,939	20,544	5,048	93,428
<i>Wholesale</i>	156,521	9,164	11,812	10,703	188,200
TOTAL NON-RESIDENTIAL	539,242	53,735	69,063	39,035	701,074
IRRIGATION	118,981	573	-	11,965	131,519
FIRELINES	78,473	-	-	4,599	83,072
<b>TOTAL SERVICE REVENUE</b>	<b>5,473,301</b>	<b>251,221</b>	<b>322,648</b>	<b>363,659</b>	<b>6,410,830</b>
<b>TOTAL OTHER REVENUE</b>	<b>563,826</b>				<b>563,826</b>
<b>Total Revenue - 2016</b>	<b>\$ 6,037,128</b>	<b>\$ 251,221</b>	<b>\$ 322,648</b>	<b>\$ 363,659</b>	<b>\$ 6,974,656</b>



## **Rates**



# 2016 Water Rates & Charges

## 2016 - Budget

Meter Size		Base Rate		Water Usage Charge			CIC & ERU	
Rate Code	Single Family Residential or Open Air Condominium			Usage	Usage	Usage	CIC	ERU
	BI-MONTHLY			0 to 10 CCF	11 to 24 CCF	25 and > CCF		
158	5/8 / 3/4	\$	47.27	\$ 2.87	\$ 4.40	\$ 5.92	\$ 3.18	\$ 4.11
101	1"		90.51	2.87	4.40	5.92	3.18	4.11
115	1 1/2"		159.66	2.87	4.40	5.92	3.18	4.11
102	2"		249.38	2.87	4.40	5.92	3.18	4.11
Rate Code	1" Flow-Through Residential Meters (domestic and fire protection)			Usage	Usage	Usage		
	Billed Bi-Monthly			0 to 10 CCF	11 to 24 CCF	25 > CCF		
159	1"	\$	47.27	\$ 2.87	\$ 4.40	\$ 5.92		
Rate Code	Multifamily Residential			Usage	Water Use		CIC	ERU
	BI-MONTHLY			Threshold	Charge		per Dwelling	per Dwelling
558	5/8 / 3/4	\$	47.27	0 and > CCF	\$ 3.51		\$ 3.18	\$ 4.11
501/521	1"		90.51	0 and > CCF	3.51		3.18	4.11
515/525	1 1/2"		159.66	0 and > CCF	3.51		3.18	4.11
502/522	2"		249.38	0 and > CCF	3.51		3.18	4.11
503/523	3"		544.91	0 and > CCF	3.51		3.18	4.11
Rate Code	Number of Dwellings	Multifamily Residential		Usage	Water Use		CIC	ERU
		BI-MONTHLY/MONTHLY		Threshold	Charge		per dwelling	per dwelling
504/524	4"	810.85	405.43	0 and > CCF	\$ 3.51		\$ 3.18	\$ 4.11
506/526	6"	1,535.03	767.52	0 and > CCF	3.51		3.18	4.11
Rate Code	Non Residential - Commercial			Usage	Water Use		CIC	ERU
	BI-MONTHLY			Threshold	Charge		per dwelling	per dwelling
458	5/8 / 3/4	\$	47.27	0 and > CCF	\$ 4.16		\$ 3.18	\$ 4.11
401	1"		90.51	0 and > CCF	4.16		3.18	4.11
415	1 1/2"		159.66	0 and > CCF	4.16		3.18	4.11
402	2"		249.38	0 and > CCF	4.16		3.18	4.11
403	3"		544.91	0 and > CCF	4.16		3.18	4.11
404	4"		810.85	0 and > CCF	4.16		3.18	4.11
406	6"		1,535.03	0 and > CCF	4.16		3.18	4.11
408	8"		2,399.69	0 and > CCF	4.16		3.18	4.11
Rate Code	Non Residential - Municipal			Usage	Water Use		CIC	ERU
	BI-MONTHLY/MONTHLY			Threshold	Charge		per dwelling	per dwelling
118	5/8 / 3/4	47.27	\$ 23.64	0 and > CCF	\$ 4.16		\$ 3.18	\$ 4.11
111	1"	90.51	45.26	0 and > CCF	4.16		3.18	4.11
119	1 1/2"	159.66	79.83	0 and > CCF	4.16		3.18	4.11
112	2"	249.38	124.69	0 and > CCF	4.16		3.18	4.11
113	3"	544.91	272.46	0 and > CCF	4.16		3.18	4.11
114	4"	810.85	405.43	0 and > CCF	4.16		3.18	4.11
Rate Code	Non Residential - Wholesale			Usage	Water Use	Rate Code	CIC	ERU
	BI-MONTHLY/MONTHLY			Threshold	Charge		per dwelling	per dwelling
626	6"	\$ 1,535.03	767.52	0 and > CCF	4.16	606	\$ 3.18	\$ 4.11
628	8"	\$ 2,399.69	1,199.85	0 and > CCF	4.16	608	\$ 3.18	\$ 4.11
Rate Code	LIFE SAVING MEDICAL TREATMENT			Usage	Usage	Usage	CIC	ERU
	Single Family Residential or Open Air Condominium			0-10 CCF	11-24 CCF	25 and > CCF	per dwelling	per dwelling
	BI-MONTHLY							
358	5/8 / 3/4	\$	47.27	\$ 2.87	\$ 4.40	\$ 5.92	\$ 3.18	\$ 4.11
301	1"		90.51	2.87	4.40	5.92	3.18	4.11
315	1 1/2"		159.66	2.87	4.40	5.92	3.18	4.11
302	2"		249.38	2.87	4.40	5.92	3.18	4.11
Rate Code	Fire Sprinkler Service							
	BI-MONTHLY/MONTHLY							
F10	1.0"	\$	25.70	\$				
F15	1.5"		30.06					
F20	2"		42.02					
F30	3"		130.18					
F40	4"		162.84					
F60	6"		239.02					
F80	8"		326.10					
Rate Code	Irrigation			Usage	Water Use		CIC	ERU
	BI-MONTHLY/MONTHLY			Threshold	Charge		per dwelling	per dwelling
258/258	5/8 / 3/4	\$	66.16	\$	5.92		\$ 3.18	\$ 4.11
211/211	1"		137.78		5.92		3.18	4.11
215/215	1 1/2"		254.18		5.92		3.18	4.11
202/202	2"		400.62		5.92		3.18	4.11
203/203	3"		847.40		5.92		3.18	4.11
204/204	4"		1,283.46		5.92		3.18	4.11
206/206	6"		2,480.26		5.92		3.18	4.11
208/208	8"		3,912.08		5.92		3.18	4.11

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



## Bi-Monthly Bill Comparisons

### 2016 - Budget

DISTRICT/CITY	Winter Usage - 10 CCF			Summer Usage - 16 CCF			Annualized
	Base Rate	Usage	Total	Base Rate	Usage	Total	Total
<b>2015</b>							
WD 119	\$ 78.00	\$ 23.90	\$ 101.90	\$ 78.00	\$ 50.18	\$ 128.18	\$ 110.66
Seattle Public Utilities-Shoreline & LFP	\$ 33.40	\$ 59.80	\$ 93.20	\$ 33.40	\$ 105.44	\$ 138.84	\$ 108.41
Lake Forest Park Water District	\$ 59.56	\$ 33.70	\$ 93.26	\$ 59.56	\$ 53.92	\$ 113.48	\$ 100.00
City of Duval	\$ 50.54	\$ 39.76	\$ 90.30	\$ 50.54	\$ 68.80	\$ 119.34	\$ 99.98
<b>North City Water District</b>	<b>\$ 56.15</b>	<b>\$ 29.60</b>	<b>\$ 85.75</b>	<b>\$ 56.15</b>	<b>\$ 56.78</b>	<b>\$ 112.93</b>	<b>\$ 94.81</b>
WD 90	\$ 52.02	\$ 29.90	\$ 81.92	\$ 52.02	\$ 68.19	\$ 120.21	\$ 94.68
Seattle Public Utilities-inside Seattle	\$ 27.50	\$ 49.90	\$ 77.40	\$ 27.50	\$ 89.34	\$ 116.84	\$ 90.55
City of Bellevue	\$ 45.12	\$ 35.50	\$ 80.62	\$ 45.12	\$ 61.50	\$ 106.62	\$ 89.29
City of Kirkland	\$ 43.20	\$ 30.96	\$ 74.16	\$ 43.20	\$ 62.16	\$ 105.36	\$ 84.56
Coal Creek	\$ 41.38	\$ 34.10	\$ 75.48	\$ 41.38	\$ 60.68	\$ 102.06	\$ 84.34
Skyway Water & Sewer District	\$ 34.22	\$ 40.00	\$ 74.22	\$ 34.22	\$ 68.80	\$ 103.02	\$ 83.82
Woodinville Water District	\$ 40.00	\$ 28.14	\$ 68.14	\$ 40.00	\$ 70.32	\$ 110.32	\$ 82.20
Sammamish Plateau	\$ 51.78	\$ 17.60	\$ 69.38	\$ 51.78	\$ 29.52	\$ 81.30	\$ 73.35
Northshore Utility District	\$ 32.26	\$ 34.90	\$ 67.16	\$ 32.26	\$ 62.32	\$ 94.58	\$ 76.30
Highline Water District	\$ 28.80	\$ 35.50	\$ 64.30	\$ 28.80	\$ 60.70	\$ 89.50	\$ 72.70
Mercer Island	\$ 27.80	\$ 33.10	\$ 60.90	\$ 27.80	\$ 66.58	\$ 94.38	\$ 72.06
Renton	\$ 35.20	\$ 25.40	\$ 60.60	\$ 35.20	\$ 45.86	\$ 81.06	\$ 67.42
Olympic View Water & Sewer District	\$ 36.44	\$ 21.60	\$ 58.04	\$ 36.44	\$ 38.56	\$ 75.00	\$ 63.69
Bothell	\$ 26.90	\$ 26.50	\$ 53.40	\$ 26.90	\$ 49.72	\$ 76.62	\$ 61.14
Alderwood WWD	\$ 29.90	\$ 24.00	\$ 53.90	\$ 29.90	\$ 29.80	\$ 59.70	\$ 55.83
<b>2016</b>							
Seattle Public Utilities-Shoreline & LFP	\$ 34.30	\$ 61.40	\$ 95.70	\$ 34.30	\$ 109.90	\$ 144.20	\$ 111.87
<b>North City Water District</b>	<b>\$ 57.83</b>	<b>\$ 30.49</b>	<b>\$ 88.32</b>	<b>\$ 57.83</b>	<b>\$ 58.48</b>	<b>\$ 116.31</b>	<b>\$ 97.65</b>
City of Bellevue	\$ 47.47	\$ 37.35	\$ 84.81	\$ 47.47	\$ 64.70	\$ 112.16	\$ 93.93
Seattle Public Utilities-Inside Seattle	\$ 28.30	\$ 50.60	\$ 78.90	\$ 28.30	\$ 90.58	\$ 118.88	\$ 92.23
City of Kirkland	\$ 44.63	\$ 31.98	\$ 76.61	\$ 44.63	\$ 64.21	\$ 108.84	\$ 87.35
Woodinville Water District	\$ 41.00	\$ 28.44	\$ 69.44	\$ 41.00	\$ 70.92	\$ 111.92	\$ 83.60

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

Base Charge	2015 Bi-Monthly Bill		2016 Bi-Monthly Bill	
	10 CCF	16 CCF	10 CCF	16 CCF
Base Rate 5/8"	\$ 45.89	\$ 45.89	\$ 47.27	\$ 47.27
Fire Protection per 1 ERU	\$ 3.99	\$ 3.99	\$ 4.11	\$ 4.11
Capital Improvement Charge PER ERU	\$ 3.09	\$ 3.09	\$ 3.18	\$ 3.18
Franchise Fee (6% FF)	\$ 3.18	\$ 3.18	\$ 3.27	\$ 3.27
<b>Total Base Charge</b>	<b>\$ 56.15</b>	<b>\$ 56.15</b>	<b>\$ 57.83</b>	<b>\$ 57.83</b>
<b>Consumption Charge (including 6% FF)</b>	<b>\$ 29.60</b>	<b>\$ 56.78</b>	<b>\$ 30.49</b>	<b>\$ 58.48</b>
<b>Total Bi-Monthly Beill</b>	<b>\$ 85.75</b>	<b>\$ 112.93</b>	<b>\$ 88.32</b>	<b>\$ 116.31</b>

Consumption Rates	2015	2015 w FF	2016	2015 w FF
Block 1 = 0-10 ccf	\$ 2.79	\$ 2.96	\$ 2.87	\$ 3.05
Block 2 = 11- 24 ccf	\$ 4.27	\$ 4.53	\$ 4.40	\$ 4.66
Block 3 = over 25 ccf	\$ 5.75	\$ 6.10	\$ 5.92	\$ 6.28



## **Forecasts**





## Cash Flow Forecast

<b>OPERATING ACCOUNT</b>	2015	2016	2017	2018	2019	2020	2015-2020
<b>Sources:</b>							
BEGINNING BALANCE	\$ 1,147,796	\$ 1,347,929	\$ 1,240,881	\$ 1,257,899	\$ 1,255,440	\$ 1,266,700	\$ 1,147,796
Rate Revenue Increase	3.0%	3.00%	3.00%	4.70%	4.70%	4.70%	
Cumulative Rate Increase	3.0%	6.1%	9.3%	14.4%	19.8%	25.4%	
<b>REVENUE</b>							
Net Interest Earnings	26,970	20,219	24,818	31,447	37,663	44,335	185,452
Total Service Revenues	6,516,435	6,546,490	6,722,525	7,035,152	7,366,064	7,712,528	41,899,194
Total Other Revenues	442,409	407,947	395,867	412,202	429,225	446,967	2,534,617
<b>TOTAL REVENUE</b>	<b>6,985,814</b>	<b>6,974,656</b>	<b>7,143,210</b>	<b>7,478,801</b>	<b>7,832,952</b>	<b>8,203,830</b>	<b>44,619,263</b>
<b>Total Sources</b>	<b>\$ 8,133,610</b>	<b>\$ 8,322,585</b>	<b>\$ 8,384,091</b>	<b>\$ 8,736,700</b>	<b>\$ 9,088,392</b>	<b>\$ 9,470,530</b>	<b>\$ 45,767,059</b>
<b>Uses:</b>							
<b>OPERATING COSTS</b>							
Total Admin/Planning/Cust Service/Taxes	\$ 2,042,163	\$ 2,107,790	\$ 2,160,958	\$ 2,263,489	\$ 2,333,565	\$ 2,446,721	13,354,684
SPU Rate Increase	-7% SPU Inc	0% SPU Inc	0% SPU Inc	20% SPU Inc	0% SPU Inc	0% SPU Inc	
Water Purchases	1,490,236	1,446,815	1,446,815	1,736,178	1,736,178	1,736,178	9,592,400
All Other O&M costs	1,018,637	1,014,733	1,060,104	1,107,217	1,156,139	1,206,942	6,563,772
<b>TOTAL OPERATING COSTS</b>	<b>4,551,036</b>	<b>4,569,338</b>	<b>4,667,876</b>	<b>5,106,883</b>	<b>5,225,882</b>	<b>5,389,840</b>	<b>29,510,856</b>
<b>CAPITAL COSTS</b>							
Transfer CIC Revenues to Capital	243,904	251,221	258,757	270,919	283,652	296,984	1,605,436
Transfer to Vehicle Replacement Account	122,000	95,000	100,000	105,000	110,000	116,000	648,000
Transfer to Capital in Lieu of Depreciation	1,200,000	1,300,000	700,000	600,000	800,000	1,200,000	5,800,000
Total Debt Service (Net of Capitalization)	668,742	866,145	1,399,558	1,398,458	1,402,158	1,204,108	6,939,169
<b>TOTAL CAPITAL COSTS</b>	<b>2,234,645</b>	<b>2,512,366</b>	<b>2,458,316</b>	<b>2,374,377</b>	<b>2,595,810</b>	<b>2,817,091</b>	<b>14,992,605</b>
<b>Total Uses</b>	<b>\$ 6,785,681</b>	<b>\$ 7,081,704</b>	<b>\$ 7,126,192</b>	<b>\$ 7,481,260</b>	<b>\$ 7,821,692</b>	<b>\$ 8,206,932</b>	<b>\$ 44,503,460</b>
ENDING BALANCE - OPERATING ACCOUNT	\$ 1,347,929	\$ 1,240,881	\$ 1,257,899	\$ 1,255,440	\$ 1,266,700	\$ 1,263,599	\$ 1,263,599
<b>CAPITAL ACCOUNT</b>							
<b>Sources:</b>							
BEGINNING BALANCE	\$ 2,620,955	\$ 1,907,153	\$ 1,565,777	\$ 6,045,773	\$ 1,725,215	\$ 3,363,303	\$ 2,620,955
Transfer CIC Revenues from Operations	243,904	251,221	258,757	270,919	283,652	296,984	1,605,436
Transfer from Operations in Lieu of Depreciation	1,200,000	1,300,000	700,000	600,000	800,000	1,200,000	5,800,000
New Bond Proceeds	-	-	6,000,000	-	-	-	6,000,000
Total Other Sources of Funds	66,458	2,895,184	58,426	82,534	1,059,284	68,099	4,229,984
<b>Total Sources</b>	<b>\$ 4,131,316</b>	<b>\$ 6,353,558</b>	<b>\$ 8,582,960</b>	<b>\$ 6,999,226</b>	<b>\$ 3,868,151</b>	<b>\$ 4,928,386</b>	<b>\$ 20,256,375</b>
<b>Total Uses</b>	<b>\$ 2,224,163</b>	<b>\$ 4,787,781</b>	<b>\$ 2,537,187</b>	<b>\$ 5,274,010</b>	<b>\$ 504,848</b>	<b>\$ 906,130</b>	<b>\$ 16,234,119</b>
ENDING BALANCE - CAPITAL ACCOUNT	\$ 1,907,153	\$ 1,565,777	\$ 6,045,773	\$ 1,725,215	\$ 3,363,303	\$ 4,022,255	\$ 4,022,255
<b>VEHICLE REPLACEMENT ACCOUNT</b>							
END BAL - VEHICLE REPLACEMENT ACCOUNT	\$ 114,017	\$ 192,017	\$ 176,750	\$ 262,711	\$ 352,910	\$ 346,735	\$ 346,735
<b>PRESEVATION ACCOUNT</b>							
ENDING BALANCE - BOND FUND	\$ 42,500	\$ 93,180	\$ 144,671	\$ 196,986	\$ 250,137	\$ 304,140	\$ 304,140
<b>BOND FUND</b>							
ENDING BALANCE - BOND FUND	\$ 772,148	\$ 772,148	\$ 1,301,361	\$ 1,301,361	\$ 1,301,361	\$ 1,301,361	\$ 1,301,361
<b>Ending Bal - All District Cash</b>	<b>\$ 4,183,747</b>	<b>\$ 3,864,003</b>	<b>\$ 8,926,454</b>	<b>\$ 4,741,713</b>	<b>\$ 6,534,412</b>	<b>\$ 7,238,089</b>	<b>\$ 7,238,089</b>

