

Other Revenue							Assumptions - 3
	2017	2018	2019	2020	2021	2022	2023
Water	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Sewer	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Interest Income	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%
Debt Service Reserve Interest Income	0.85%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%
Misc City Revenues	2,300	2,300	2,300	2,300	2,300	2,300	2,300
Other	8,200	8,600	10,100	10,900	11,300	11,300	11,300
State & Federal Grants	1,400	1,000	1,000	1,000	1,000	1,000	1,000
Permits Issued by L&I (L&I)	2,990	2,520	2,520	2,520	2,520	2,520	2,520
Miscellaneous (Procurement)	500	500	500	500	500	500	500
City & UESF Grants	(4,000)	(650)	(650)	(650)	(650)	(650)	(650)
Affordability Program Discount Adjustment	-	(3,900)	(9,800)	(13,700)	(17,000)	(17,000)	(17,000)
Allocation	Water	Sewer					
Aviation	100.0%	0.0%					
Other	50.0%	50.0%					
State & Federal Grants	100.0%	0.0%					
Permits Issued by L&I (L&I)	50.0%	50.0%					
Miscellaneous (Procurement)	50.0%	50.0%					
City & UESF Grants	44.0%	56.0%					
Affordability Program Discount Adjustment	44.0%	56.0%					

Capital Account Deposit		Assumptions - 21						
		2017	2018	2019	2020	2021	2022	2023
		Base Year	Test Year	Calculation	Calculation	Calculation	Calculation	Calculation
Water System Net Plant Investment	41.06%	915,733,670	946,868,615	979,062,147	1,012,350,260	1,046,770,169	1,082,360,355	1,119,160,607
Wastewater System Net Plant Investment	58.94%	1,314,499,330	1,359,192,307	1,405,404,846	1,453,188,611	1,502,597,023	1,553,685,322	1,606,510,623
Total System Net Plant Investment		2,230,233,000	2,306,060,922	2,384,466,993	2,465,538,871	2,549,367,193	2,636,045,677	2,725,671,230
Estimated Increase in System Net Value	3.40%							
Capital Account Deposit %		1.00%	1.00%	1.50%	1.50%	1.50%	1.50%	1.50%

Description	2017	2018	2019	2020	2021	2022	2023
<b>Water Utility Fund Balances</b>							
<b>Funds - 2</b>							
<b>Projected Flow of Funds - Construction Fund</b>							
<b>Construction Funds Available</b>							
Beginning Balance	114,471,148	\$ 164,535,529	\$ 56,718,866	\$ 62,299,799	\$ 59,437,016	\$ 63,800,193	\$ 67,120,718
Transfer from Revenue Bond Proceeds	130,000,000	-	120,000,000	120,000,000	110,000,000	120,000,000	120,000,000
PENNVest Loan Proceeds	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-
Non-City Sources	2,625,179	-	-	-	-	-	-
Grants							
Transfer from Residual Fund (Cash Financing)	7,900,000	11,000,000	5,700,000	5,300,000	4,900,000	6,600,000	8,700,000
Capital Account Deposit	9,157,337	9,468,686	14,685,932	15,185,254	15,701,553	16,235,405	16,787,409
Interest	501,310	397,542	213,849	218,733	221,428	235,234	245,786
Total Funds Available	\$ 264,654,973	\$ 185,401,757	\$ 197,318,647	\$ 203,003,785	\$ 190,259,997	\$ 206,870,833	\$ 212,853,913
<b>Construction Funds Used</b>							
Capital Improvements	\$ 94,461,657	\$ 128,682,891	\$ 133,818,848	\$ 139,131,560	\$ 125,242,765	\$ 130,441,393	\$ 135,822,272
Revenue Bond Issuance Expense	730,389	-	1,200,000	1,200,000	1,100,000	1,200,000	1,200,000
Revenue Bond Debt Service Reserve Requirement	4,927,399	-	-	3,235,209	117,038	8,108,722	6,158,935
State Revolving Fund Issuance Expense	-	-	-	-	-	-	-
General Obligation Bond Issuance Expense	-	-	-	-	-	-	-
Total Funds Utilized	\$ 100,119,444	\$ 128,682,891	\$ 135,018,848	\$ 143,566,770	\$ 126,459,804	\$ 139,750,115	\$ 143,181,206
Ending Balance	\$ 164,535,529	\$ 56,718,866	\$ 62,299,799	\$ 59,437,016	\$ 63,800,193	\$ 67,120,718	\$ 69,672,706
Balance Target	\$ 107,235,743	\$ 55,757,854	\$ 57,971,483	\$ 52,184,485	\$ 54,350,580	\$ 56,592,613	\$ 58,912,876
Ending Balance (Excluding Interest)	\$ 164,034,219	\$ 56,321,324	\$ 62,085,950	\$ 59,218,283	\$ 63,578,765	\$ 66,885,484	\$ 69,426,921
Interest Income	\$ 501,310	\$ 397,542	\$ 213,849	\$ 218,733	\$ 221,428	\$ 235,234	\$ 245,786
<b>Projected Flow of Funds - Rate Stabilization</b>							
<b>Rate Stabilization Funds Available</b>							
Beginning Balance	\$ 82,304,251	\$ 96,704,251	\$ 105,904,251	\$ 101,204,251	\$ 96,404,251	\$ 89,304,251	\$ 85,904,251
Deposit From (to) Operating Fund	14,400,000	9,200,000	(4,700,000)	(4,800,000)	(7,100,000)	(3,400,000)	1,160,000
Ending Balance	\$ 96,704,251	\$ 105,904,251	\$ 101,204,251	\$ 96,404,251	\$ 89,304,251	\$ 85,904,251	\$ 87,064,251
Interest Income	\$ 322,215	\$ 364,695	\$ 372,795	\$ 355,695	\$ 334,275	\$ 315,375	\$ 311,343
<b>Projected Flow of Funds - Debt Service Reserve</b>							
<b>Debt Service Reserve Funds Available</b>							
Beginning Balance	\$ 73,105,024	\$ 74,354,043	\$ 67,883,951	\$ 67,883,951	\$ 71,119,161	\$ 71,236,199	\$ 79,344,921
Transfer From Bond Proceeds	4,927,399	-	-	3,235,209	117,038	8,108,722	6,158,935
Transfer From Residual Fund	-	-	-	-	-	-	-
Debt Service Reserve Fund Release	(3,678,380)	(6,470,091)	-	-	-	-	-
Ending Balance	\$ 74,354,043	\$ 67,883,951	\$ 67,883,951	\$ 71,119,161	\$ 71,236,199	\$ 79,344,921	\$ 85,503,856
Interest Income	\$ 628,195	\$ 256,028	\$ 244,382	\$ 250,206	\$ 256,240	\$ 271,046	\$ 296,728

Description	2017	2018	2019	2020	2021	2022	2023
<b>Projected Flow of Funds - Revenue Fund</b>							
<b>Revenue Funds Available</b>							
Beginning Balance	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468
Existing Service Charge Revenues	271,123,921	280,852,001	272,455,482	270,409,193	268,152,367	266,037,871	263,948,103
Additional Service Charge Revenues	-	-	668,285	6,576,777	13,663,418	34,604,668	59,985,004
Other Operating Revenue	15,483,706	17,734,128	9,389,412	8,038,241	6,751,069	6,718,502	6,686,091
Interest Earnings	176,792	178,335	141,185	141,538	137,465	148,140	161,295
Construction Fund Interest Earnings	-	-	-	-	-	-	-
Debt Service Reserve Interest Earnings (above SCOOP)	-	-	-	-	-	-	-
Rate Stabilization Fund Interest Earnings	322,215	364,695	372,795	355,695	334,275	315,375	311,343
Transfer from Rate Stabilization Fund	-	-	4,700,000	4,800,000	7,100,000	3,400,000	-
Total Funds Available	\$ 318,724,102	\$ 330,746,628	\$ 319,344,627	\$ 321,938,913	\$ 327,756,062	\$ 342,842,024	\$ 362,709,305
<b>Revenue Funds Used</b>							
Total Operating Expense	183,030,050	187,998,682	195,179,820	201,352,433	207,024,875	212,717,719	219,336,572
Total Senior Debt Service	68,771,357	74,925,671	72,273,607	68,415,765	68,545,025	75,726,152	85,070,503
Total Subordinate Debt Service	-	-	-	-	-	-	-
Transfer to Escrow	3,678,380	6,470,091	-	-	-	-	-
Capital Account Deposit	9,157,337	9,468,686	14,685,932	15,185,254	15,701,553	16,235,405	16,787,409
Transfer to Rate Stabilization Fund	14,400,000	9,200,000	-	-	-	-	1,160,000
Transfer to Residual Fund	8,069,511	11,066,029	5,587,800	5,367,992	4,867,142	6,545,280	8,737,354
Total Funds Utilized	\$ 287,106,634	\$ 299,129,160	\$ 287,727,159	\$ 290,321,445	\$ 296,138,594	\$ 311,224,556	\$ 331,091,837
Ending Balance	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468	\$ 31,617,468
<b>Projected Flow of Funds - Residual Fund</b>							
<b>Operating Funds Available</b>							
Beginning Balance	\$ 6,140,621	\$ 6,332,542	\$ 6,421,488	\$ 6,332,203	\$ 6,423,113	\$ 6,413,319	\$ 6,381,589
Transfer from Revenue Fund	8,069,511	11,066,029	5,587,800	5,367,992	4,867,142	6,545,280	8,737,354
Debt Service Reserve Interest to fund Transfer to General Fund	628,195	256,028	244,382	250,206	256,240	271,046	296,728
Transfer to Debt Service Reserve	-	-	-	-	-	-	-
Transfer to Construction Fund	(7,900,000)	(11,000,000)	(5,700,000)	(5,300,000)	(4,900,000)	(6,600,000)	(8,700,000)
Transfer to General Fund	(628,195)	(256,028)	(244,382)	(250,206)	(256,240)	(271,046)	(296,728)
Ending Balance (prior to interest)	\$ 6,310,131	\$ 6,398,572	\$ 6,309,287	\$ 6,400,195	\$ 6,390,255	\$ 6,358,599	\$ 6,418,943
Interest Income	22,411	22,916	22,915	22,918	23,064	22,989	23,041
Ending Balance	\$ 6,332,542	\$ 6,421,488	\$ 6,332,203	\$ 6,423,113	\$ 6,413,319	\$ 6,381,589	\$ 6,441,984