

**Spokane County
Wastewater Rate Model
Summary**

Rate Forecast Summary	2011	2012	2013	2014	2015	2016
Single-Family Residential Rates:						
Sewer Service Rate	\$ 27.29	\$ 27.29	\$ 28.04	\$ 28.79	\$ 29.79	\$ 31.04
WWTP Charge	17.75	17.12	17.12	17.12	17.12	17.12
Total	\$ 45.04	\$ 44.41	\$ 45.16	\$ 45.91	\$ 46.91	\$ 48.16
Annual Change In Total	\$ 4.70	\$ (0.63)	\$ 0.75	\$ 0.75	\$ 1.00	\$ 1.25
Revenue Requirement Summary - Sewer Service Rate						
	2011	2012	2013	2014	2015	2016
Revenues:						
Sewer Service Rate Revenue (Before Rate Adjustments)	\$ 15,568,416	\$ 16,042,960	\$ 16,796,108	\$ 17,623,521	\$ 17,835,003	\$ 18,049,023
Interest Earned on Operating Fund Balance	350,000	150,967	150,554	114,046	114,026	106,880
Other Operating Revenues	1,259,200	1,291,300	1,325,019	1,398,003	1,217,746	1,240,010
Total	\$ 17,177,616	\$ 17,485,227	\$ 18,271,681	\$ 19,135,569	\$ 19,166,776	\$ 19,395,912
Expenses:						
RPWRF Operations	\$ 4,767,045	\$ 1,455,703	\$ 1,545,460	\$ 1,663,983	\$ 1,775,491	\$ 1,857,709
SCRWRF Operations	-	6,116,316	6,679,307	7,335,680	7,888,687	8,263,819
Other Operating Expenses	6,851,618	8,716,264	9,031,784	9,559,949	9,885,614	10,230,918
Replacement Reserve Funding	-	577,268	923,321	1,195,507	1,468,450	1,742,221
Other Reserve Funding	-	-	-	-	-	-
Total	\$ 11,618,663	\$ 16,865,551	\$ 18,179,872	\$ 19,755,119	\$ 21,018,242	\$ 22,094,667
Service Rate Cash Flow Surplus (Deficit) Before Rate Adjustments	\$ 5,558,953	\$ 619,676	\$ 91,810	\$ (619,550)	\$ (1,851,466)	\$ (2,698,755)
<i>Annual Rate Adjustment Required</i>	-36.73%	-3.97%	-0.64%	0.69%	4.66%	5.34%
<i>Annual Rate Adjustment Implemented</i>	0.00%	0.00%	2.75%	2.67%	3.47%	4.20%
Monthly Sewer Service Rate After Rate Adjustments	\$ 27.29	\$ 27.29	\$ 28.04	\$ 28.79	\$ 29.79	\$ 31.04
Change From Prior-Year Rate	\$ 1.25	\$ -	\$ 0.75	\$ 0.75	\$ 1.00	\$ 1.25
Service Rate Revenue After Rate Adjustments	\$ 15,568,416	\$ 16,042,960	\$ 17,257,708	\$ 18,592,201	\$ 19,468,843	\$ 20,529,193
Service Rate Cash Flow Surplus (Deficit) After Rate Adjustments	\$ 5,558,953	\$ 619,676	\$ 553,410	\$ 349,131	\$ (217,626)	\$ (218,585)

**Spokane County
Wastewater Rate Model
Summary**

Revenue Requirement Summary - WWTP Charge	2011	2012	2013	2014	2015	2016
Beginning Capital Fund Balance	\$ 81,630,688	\$ 47,084,499	\$ 55,044,217	\$ 58,410,119	\$ 56,525,319	\$ 38,403,330
Plus: Revenues						
Interest Earnings	\$ 980,000	\$ 1,059,401	\$ 1,238,495	\$ 1,314,228	\$ 1,271,820	\$ 864,075
DOE Grants	3,750,000	3,750,000	3,750,000	3,750,000	-	-
PWTF Grants	925,000	925,000	-	-	-	-
Road Maintenance Service Charges	1,003,000	-	-	-	-	-
Other Miscellaneous Revenue - Fund 403	237,500	85,000	85,000	85,000	85,000	85,000
Net APA Revenue Available for Capital (County)	487,677	504,975	521,989	538,708	555,118	551,952
WWTP Charge Revenue (After Rate Adjustments + City Surcharge)	10,907,120	10,821,515	11,285,056	11,796,597	11,911,185	12,046,805
CFR Revenue	9,743,706	9,088,996	8,072,394	7,670,648	7,287,000	6,920,680
Non-Program GFC Revenue	815,000	1,098,500	1,636,777	2,648,083	3,447,106	3,593,126
Transfer of Surplus Fund Balance From Operating Fund	-	-	-	-	-	-
Operating Transfers In (#110)	1,360,000	-	-	-	-	-
Debt Proceeds - Program	-	-	-	-	-	-
Debt Proceeds - Treatment	-	-	-	-	-	-
Transfer from B-Funds for Debt Service	5,861,034	5,172,647	5,978,597	4,246,469	-	-
Total	\$ 36,070,037	\$ 32,506,035	\$ 32,568,308	\$ 32,049,732	\$ 24,557,229	\$ 24,061,638
Less: Expenses						
Capital Projects:						
Program	\$ (10,907,500)	\$ (2,125,000)	\$ (500,000)	\$ (500,000)	\$ (500,000)	\$ (500,000)
Riverside Park Water Reclamation Facility (RPWRF) Projects	(3,396,186)	(2,848,406)	(8,454,112)	(13,583,606)	(19,561,466)	(16,076,445)
Spokane County Regional Water Reclamation Facility (SCRWRF)	(42,115,000)	(880,000)	-	-	-	-
Influent Pumping Station, Force Mains, and Outfall Projects	(5,790,000)	(665,000)	-	-	-	-
Pump Station and Force Main Projects (GFC Projects Only)	(745,000)	(2,580,000)	(100,000)	(100,000)	(550,000)	(3,350,000)
Indoor Water Conservation, Water Reclamation Program and Facilities	(1,120,000)	(1,968,000)	(3,399,000)	(3,579,000)	-	-
Saltese Flats Wetlands	(825,000)	(325,000)	(2,325,000)	(375,000)	-	-
Operating Fund Contribution	8,509,000	638,000	2,176,000	350,000	100,000	100,000
Net Capital Project Costs	\$ (56,389,686)	\$ (10,753,406)	\$ (12,602,112)	\$ (17,787,606)	\$ (20,511,466)	\$ (19,826,445)
Taxes on Capital Revenues	(403,243)	(367,281)	(336,009)	(321,706)	(329,924)	(328,631)
Salaries & Benefits Assigned to Capital Funds	-	(241,218)	(436,501)	(403,704)	(421,508)	(489,936)
Other Costs Assigned to Capital Funds	(640,254)	(662,662)	(685,856)	(709,860)	(734,706)	(760,420)
Total	\$ (57,433,182)	\$ (12,024,568)	\$ (14,060,478)	\$ (19,222,876)	\$ (21,997,604)	\$ (21,405,433)
Debt Service	\$ (13,183,044)	\$ (12,521,748)	\$ (15,141,929)	\$ (14,711,655)	\$ (20,681,614)	\$ (19,984,243)
Net Cash Flow After Rate Adjustments - Capital Funds	\$ (34,546,190)	\$ 7,959,719	\$ 3,365,901	\$ (1,884,800)	\$ (18,121,989)	\$ (17,328,038)
Ending Capital Fund Balance	\$ 47,084,499	\$ 55,044,217	\$ 58,410,119	\$ 56,525,319	\$ 38,403,330	\$ 21,075,292
Minimum Capital Fund Balance	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000
Monthly WWTP Charge After Rate Adjustments	\$ 17.75	\$ 17.12	\$ 17.12	\$ 17.12	\$ 17.12	\$ 17.12
Change From Prior-Year Rate	\$ 3.45	\$ (0.63)	\$ -	\$ -	\$ -	\$ -

Spokane County Wastewater Rate Model Inputs & Assumptions

Economic Assumptions	2011	2012	2013	2014	2015	2016
Cost Escalation Rates:						
General Cost Inflation	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Treatment Cost Inflation	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Construction Cost Inflation	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
County Growth	1.30%	0.95%	3.05%	4.24%	1.20%	1.20%
City Growth	3.69%	3.88%	5.33%	5.18%	1.20%	1.20%
Aggregate Customer Growth	3.00%	3.05%	4.69%	4.93%	1.20%	1.20%
Growth Plus Inflation	6.50%	6.55%	8.19%	8.43%	4.70%	4.70%
No Escalation	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Expenditure Growth	3.25%	3.27%	4.10%	4.21%	2.35%	2.35%
[Other Escalator]						
Fund Interest Earnings Rate	1.70%	2.25%	2.25%	2.25%	2.25%	2.25%
Excise Tax Rates:						
Sewer Collection Tax	3.852%	3.852%	3.852%	3.852%	3.852%	3.852%
Business & Occupation (B&O) Tax	1.800%	1.800%	1.650%	1.500%	1.500%	1.500%
Collection Share of Wastewater Revenues	48.55%	48.55%	48.55%	48.55%	48.55%	48.55%
Effective Excise Tax Rate on Wastewater Revenues	2.796%	2.796%	2.719%	2.642%	2.642%	2.642%

Spokane County Wastewater Rate Model Inputs & Assumptions

Customer Base Forecast	2011	2012	2013	2014	2015	2016
Number of Existing Equivalent Residential Units (ERUs):						
County	14,218	14,402	14,540	14,983	15,618	15,806
City of Spokane Valley	35,153	36,449	37,861	39,878	41,945	42,449
Total	49,371	50,851	52,401	54,861	57,564	58,254
Plus: Projected Growth						
Septic Conversions						
County	130	56	335	450	0	0
City of Spokane Valley	1,150	1,194	1,725	1,570	0	0
Total	1,280	1,250	2,060	2,020	0	0
New Development						
County	54	81	109	185	187	190
City of Spokane Valley	146	219	291	497	503	509
Total	200	300	400	683	691	699
Total Number of ERUs (End of Year)						
County	14,402	14,540	14,983	15,618	15,806	15,995
City of Spokane Valley	36,449	37,861	39,878	41,945	42,449	42,958
Total	50,851	52,401	54,861	57,564	58,254	58,953
Effective ERUs Contributing Flow						
County	14,310	14,471	14,761	15,301	15,712	15,901
City of Spokane Valley	35,801	37,155	38,870	40,911	42,197	42,703
Total	50,111	51,626	53,631	56,212	57,909	58,604
Less: ERUs Not Contributing Flow						
County	(447)	(329)	(215)	(106)	0	0
City of Spokane Valley	(1,118)	(845)	(567)	(285)	0	0
Total	(1,565)	(1,174)	(783)	(391)	0	0
Net ERUs Contributing Flow						
County	13,863	14,142	14,546	15,194	15,712	15,901
City of Spokane Valley	34,683	36,310	38,302	40,627	42,197	42,703
Total	48,546	50,452	52,849	55,821	57,909	58,604

**Spokane County
Wastewater Rate Model
Inputs & Assumptions**

Wastewater Flow	2011	2012	2013	2014	2015	2016
Average Daily Flow per ERU						
County	183 gpd	183 gpd	183 gpd	183 gpd	183 gpd	183 gpd
City of Spokane Valley	183 gpd	183 gpd	183 gpd	183 gpd	183 gpd	183 gpd
Estimated Wastewater Flow						
County	2.54 mgd	2.59 mgd	2.66 mgd	2.78 mgd	2.88 mgd	2.91 mgd
City of Spokane Valley	6.35 mgd	6.64 mgd	7.01 mgd	7.43 mgd	7.72 mgd	7.81 mgd
Additional Flows From Millwood	0.15 mgd	0.15 mgd	0.15 mgd	0.15 mgd	0.15 mgd	0.15 mgd
Total	9.04 mgd	9.39 mgd	9.82 mgd	10.37 mgd	10.75 mgd	10.88 mgd

Spokane County Wastewater Rate Model Inputs & Assumptions

Customer Account Forecast	2011	2012	2013	2014	2015	2016
Number of Accounts:						
County:						
Single-Family Residential	10,636	10,737	11,065	11,534	11,673	11,813
Reduced-Rate SFR	368	372	383	399	404	409
Duplexes	307	310	319	333	337	341
Reduced-Rate Duplexes	6	6	6	7	7	7
Multi-Family Residential	252	254	262	273	277	280
Mobile Home Parks	0	0	0	0	0	0
Domestic-Strength Non-Residential	256	258	266	278	281	284
High-Strength Non-Residential		0	0	0	0	0
Total	11,825	11,938	12,302	12,824	12,977	13,133
City of Spokane Valley:						
Single-Family Residential	18,271	18,979	19,990	21,026	21,279	21,534
Reduced-Rate SFR	1,128	1,172	1,234	1,298	1,314	1,329
Duplexes	1,483	1,540	1,623	1,707	1,727	1,748
Reduced-Rate Duplexes	18	19	20	21	21	21
Multi-Family Residential	511	531	559	588	595	602
Mobile Home Parks	13	14	14	15	15	15
Domestic-Strength Non-Residential	1,639	1,703	1,793	1,886	1,909	1,932
High-Strength Non-Residential		0	0	0	0	0
Total	23,063	23,957	25,233	26,541	26,859	27,182

Spokane County Wastewater Rate Model Inputs & Assumptions

Customer Living Unit Forecast	2011	2012	2013	2014	2015	2016
Number of Living Units:						
County:						
Single-Family Residential	10,636	10,774	10,877	11,208	11,684	11,824
Reduced-Rate SFR	369	374	377	389	405	410
Duplexes	443	449	453	467	487	492
Reduced-Rate Duplexes	6	6	6	6	7	7
Multi-Family Residential	1,522	1,542	1,556	1,604	1,672	1,692
Mobile Home Parks	0	0	0	0	0	0
Domestic-Strength Non-Residential	1,242	1,258	1,270	1,309	1,364	1,381
High-Strength Non-Residential		0	0	0	0	0
Total	14,218	14,402	14,540	14,983	15,618	15,806
City of Spokane Valley:						
Single-Family Residential	18,303	18,978	19,713	20,763	21,839	22,102
Reduced-Rate SFR	1,129	1,171	1,216	1,281	1,347	1,363
Duplexes	2,174	2,254	2,341	2,466	2,594	2,625
Reduced-Rate Duplexes	22	23	24	25	26	27
Multi-Family Residential	6,538	6,779	7,042	7,417	7,801	7,895
Mobile Home Parks	270	280	291	306	322	326
Domestic-Strength Non-Residential	6,717	6,965	7,235	7,620	8,015	8,111
High-Strength Non-Residential		0	0	0	0	0
Total	35,153	36,449	37,861	39,878	41,945	42,449

Spokane County Wastewater Rate Model Inputs & Assumptions

Customer ERU Forecast	2011	2012	2013	2014	2015	2016
Number of ERUs:						
County:						
Single-Family Residential	10,636	10,774	10,877	11,208	11,684	11,824
Reduced-Rate SFR	369	374	377	389	405	410
Duplexes	443	449	453	467	487	492
Reduced-Rate Duplexes	6	6	6	6	7	7
Multi-Family Residential	1,522	1,542	1,556	1,604	1,672	1,692
Mobile Home Parks	0	0	0	0	0	0
Domestic-Strength Non-Residential	1,242	1,258	1,270	1,309	1,364	1,381
High-Strength Non-Residential	0	0	0	0	0	0
Total	14,218	14,402	14,540	14,983	15,618	15,806
City of Spokane Valley:						
Single-Family Residential	18,303	18,978	19,713	20,763	21,839	22,102
Reduced-Rate SFR	1,129	1,171	1,216	1,281	1,347	1,363
Duplexes	2,174	2,254	2,341	2,466	2,594	2,625
Reduced-Rate Duplexes	22	23	24	25	26	27
Multi-Family Residential	6,538	6,779	7,042	7,417	7,801	7,895
Mobile Home Parks	270	280	291	306	322	326
Domestic-Strength Non-Residential	6,717	6,965	7,235	7,620	8,015	8,111
High-Strength Non-Residential	0	0	0	0	0	0
Total	35,153	36,449	37,861	39,878	41,945	42,449

Spokane County Wastewater Rate Model Inputs & Assumptions

Wastewater Treatment Cost Assumptions	2011	2012	2013	2014	2015	2016
Riverside Park Water Reclamation Facility (RPWRF):						
Payment In Lieu of Taxes (PILT) on City O&M	15.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Pre-Tax Rate per MG for RPWRF (Nominal Dollars)	\$ 1,220	\$ 1,263	\$ 1,307	\$ 1,353	\$ 1,400	\$ 1,449
Tax per MG for RPWRF	183	126	131	135	140	145
Total Rate per MG for RPWRF	\$ 1,403	\$ 1,389	\$ 1,438	\$ 1,488	\$ 1,540	\$ 1,594
Spokane County Regional Water Reclamation Facility (SCRWRF):						
Estimated DBO Rate per MG for SCRWRF		\$ 2,400	\$ 2,484	\$ 2,571	\$ 2,661	\$ 2,754
Sales Tax	0.00%	-	-	-	-	-
NVI/SVI Conveyance (Electricity) per MG		65	71	78	83	87
Total Rate per MG for SCRWRF		\$ 2,465	\$ 2,555	\$ 2,649	\$ 2,744	\$ 2,841
Projected Utilization of Plant Capacity:						
RPWRF	9.04 mgd	2.59 mgd	2.66 mgd	2.78 mgd	2.88 mgd	2.91 mgd
SCRWRF		6.80 mgd	7.16 mgd	7.59 mgd	7.88 mgd	7.97 mgd
Total	9.04 mgd	9.39 mgd	9.82 mgd	10.37 mgd	10.75 mgd	10.88 mgd
Estimated Treatment Costs:						
RPWRF						
Base Rate	\$ 4,024,677	\$ 1,192,895	\$ 1,269,925	\$ 1,372,947	\$ 1,469,426	\$ 1,539,107
PILT	603,702	119,289	126,992	137,295	146,943	153,911
Pretreatment Program Costs	100,000	103,500	107,123	110,872	114,752	118,769
Interceptor Maintenance	38,666	40,019	41,420	42,870	44,370	45,923
Subtotal: RPWRF	\$ 4,767,045	\$ 1,455,703	\$ 1,545,460	\$ 1,663,983	\$ 1,775,491	\$ 1,857,709
SCRWRF						
DBO Costs	\$ -	\$ 5,955,034	\$ 6,493,996	\$ 7,120,427	\$ 7,648,708	\$ 8,009,562
Sales Tax	-	-	-	-	-	-
NVI/SVI Conveyance (Electricity)	-	161,282	185,311	215,253	239,979	254,258
Other O&M Cost Adjustments	-	-	-	-	-	-
Energy Credit	-	-	-	-	-	-
Subtotal: SCRWRF	\$ -	\$ 6,116,316	\$ 6,679,307	\$ 7,335,680	\$ 7,888,687	\$ 8,263,819
Total	\$ 4,767,045	\$ 7,572,019	\$ 8,224,767	\$ 8,999,663	\$ 9,664,178	\$ 10,121,528

**Spokane County
Wastewater Rate Model
Inputs & Assumptions**

Financing Assumptions	2011	2012	2013	2014	2015	2016
Revenue Bonds						
Interest Rate	4.95%	4.95%	4.95%	4.95%	4.95%	4.95%
Repayment Term	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years
Issuance Cost (% of Amount Issued)	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Reserve Requirement (% of Amount Issued)	7.99%	7.99%	7.99%	7.99%	7.99%	7.99%
Coverage Ratio Required	1.50	1.50	1.50	1.50	1.50	1.50
Principal Deferral Period (Years)	0 Years	0 Years	0 Years	0 Years	0 Years	0 Years
General Obligation (GO) Bonds						
Interest Rate	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%
Repayment Term	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years
Issuance Cost (% of Amount Issued)	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Other Debt						
Interest Rate	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Repayment Term	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years
Issuance Cost (% of Amount Issued)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Principal Deferral Period (Years)	0 Years	0 Years	0 Years	0 Years	0 Years	0 Years

Spokane County Wastewater Rate Model Inputs & Assumptions

Replacement Funding Policy	2011	2012	2013	2014	2015	2016
Collection/Other System Assets:						
Calculated Depreciation Expense						
Existing Assets	\$ 5,476,871	\$ 5,476,871	\$ 5,476,871	\$ 5,476,871	\$ 5,476,871	\$ 5,476,871
CIP	24,385	49,885	103,985	108,485	120,685	163,485
Total	\$ 5,501,256	\$ 5,526,756	\$ 5,580,856	\$ 5,585,356	\$ 5,597,556	\$ 5,640,356
Replacement Funding Policy: Collection/Other						
<input checked="" type="radio"/> Amount per Year		\$ 300,000	\$ 550,000	\$ 800,000	\$ 1,050,000	
<input type="radio"/> Amount per Equivalent Residential Unit (ERU) per Month						
<input type="radio"/> Percent of Depreciation Expense						
WWTP/Pump Stations/Outfall						
Calculated Depreciation Expense						
Existing Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIP	-	1,214,875	1,214,875	1,214,875	1,214,875	1,214,875
Total	\$ -	\$ 1,214,875	\$ 1,214,875	\$ 1,214,875	\$ 1,214,875	\$ 1,214,875
Replacement Funding Policy: WWTP/PS/Outfall						
<input type="radio"/> Amount per Year						
<input type="radio"/> Amount per Equivalent Residential Unit (ERU) per Month						
<input checked="" type="radio"/> Percent of Depreciation Expense		47.52%	51.31%	53.13%	55.02%	56.98%
Replacement Reserve Funding - Collection System	\$ -	\$ -	\$ 300,000	\$ 550,000	\$ 800,000	\$ 1,050,000
Plus: Replacement Reserve Funding - WWTP	-	577,268	623,321	645,507	668,450	692,221
Total Annual Replacement Reserve Funding	\$ -	\$ 577,268	\$ 923,321	\$ 1,195,507	\$ 1,468,450	\$ 1,742,221

**Spokane County
Wastewater Rate Model
Inputs & Assumptions**

Fund Balances	2011	2012	2013	2014	2015	2016
Operating Fund						
Beginning Balance						
Working Capital Reserve (Fund 401)	\$ 9,659,669					
Restricted Replacement Reserve - Collection/Other	\$ 19,843,291					
Restricted Replacement Reserve - WWTP/PS/Outfall						
Total	\$ 29,502,960	\$ -	\$ -	\$ -	\$ -	\$ -
Minimum Working Capital Balance (% of Operating Expenses)	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Capital Fund						
Beginning Balance						
Construction Fund (Fund 403)	\$ 9,859,056					
DBO/City Plant Construction Fund (Fund 434)	\$ 47,669,286					
General Facilities Charge Fund (Fund 438)	\$ 12,651,476					
Wastewater Treatment Plant Fund (Fund E-01)	\$ 11,450,871					
Total	\$ 81,630,688	\$ -	\$ -	\$ -	\$ -	\$ -
Minimum Balance (Contingency)	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000
B-Funds						
Beginning Balance	\$ 20,265,974					

**Spokane County
Wastewater Rate Model
Inputs & Assumptions**

Wastewater Rate Revenues		2011	2012	2013	2014	2015	2016
Description	Escalator	% WTP Charge					
Sewer Service Charges (3435088)	Aggregate Customer Growth	▼ 0.00%	\$ 15,568,416	\$ 16,042,960	\$ 16,796,108	\$ 17,623,521	\$ 18,049,023
Rate Stabilization Charge (3435400)	Aggregate Customer Growth	▼ 100.00%	10,406,196	10,723,389	11,226,806	11,779,863	12,064,276
	Aggregate Customer Growth	▼	-	-	-	-	-
	Aggregate Customer Growth	▼	-	-	-	-	-
Total			\$ 25,974,612	\$ 26,766,349	\$ 28,022,914	\$ 29,403,383	\$ 30,113,298

Other Wastewater Revenues		2011	2012	2013	2014	2015	2016
Description	Escalator	% WTP Charge					
Discharge Permits (3215088)	Aggregate Customer Growth	▼ 0.00%	\$ 1,500	\$ 1,546	\$ 1,618	\$ 1,698	\$ 1,718
Sewer Inspection Fees (3424188)	[Calculated]	▼ 0.00%	185,000	155,000	246,000	270,257	69,076
Sewer Connection Permits (3432300)	Aggregate Customer Growth	▼ 0.00%	5,000	5,152	5,394	5,660	5,728
Sewer Facility Plan Check Fees (3458488)	Aggregate Customer Growth	▼ 0.00%	5,000	5,152	5,394	5,660	5,728
Planning Action - Sewer (3458688)	Aggregate Customer Growth	▼ 0.00%	2,500	2,576	2,697	2,830	2,864
Engineering Services - Interfund (3493288)	Aggregate Customer Growth	▼ 0.00%	408,200	150,000	50,000	52,463	53,093
Sewer Penalties - Utility Billing (3614188)	Aggregate Customer Growth	▼ 0.00%	450,000	463,717	485,486	509,402	515,515
Sewer Interest - Utility Billing (3614288)	Aggregate Customer Growth	▼ 0.00%	200,000	206,096	215,772	226,401	229,118
Other Miscellaneous Revenue (3699088)	Aggregate Customer Growth	▼ 0.00%	2,000	2,061	2,158	2,264	2,291
Investment Interest - Fund 401 (3611188)	[Calculated]	▼ 0.00%	350,000	150,967	150,554	114,046	114,026
Equity Share Fed Forfeited Property (3322100)	No Escalation	▼ 0.00%	-	-	-	-	-
Gain on Fixed Assets (3954088)	No Escalation	▼ 0.00%	-	-	-	-	-
Interfund Loan Interest (3661000)	No Escalation	▼ 0.00%	-	-	-	-	-
Septage Disposal Fees at SCRWRF	Treatment Cost Inflation	▼ 0.00%	-	300,000	310,500	321,368	332,615
Total			\$ 1,609,200	\$ 1,442,267	\$ 1,475,574	\$ 1,512,049	\$ 1,331,773

**Spokane County
Wastewater Rate Model
Inputs & Assumptions**

Wastewater Operating Expenses			2011	2012	2013	2014	2015	2016
Fund 401 Expenses	Escalator	% WTP Charge						
Salary (1101)	General Cost Inflation	0.00%	\$ 2,109,041	\$ -	\$ -	\$ -	\$ -	\$ -
Out of Class (1103)	General Cost Inflation	0.00%	4,700	-	-	-	-	-
Pay Off (1106)	General Cost Inflation	0.00%	-	-	-	-	-	-
Extra Help (1108)	General Cost Inflation	0.00%	55,000	-	-	-	-	-
Cell Phone Allowance (1113)	General Cost Inflation	0.00%	300	-	-	-	-	-
Overtime (1202)	General Cost Inflation	0.00%	69,000	-	-	-	-	-
Life (2301)	General Cost Inflation	0.00%	1,820	-	-	-	-	-
FICA (2302)	General Cost Inflation	0.00%	171,030	-	-	-	-	-
Medical (2303)	General Cost Inflation	0.00%	449,210	-	-	-	-	-
PERS (2304)	General Cost Inflation	0.00%	123,196	-	-	-	-	-
Industrial (2305)	General Cost Inflation	0.00%	49,110	-	-	-	-	-
Dental (2308)	General Cost Inflation	0.00%	59,651	-	-	-	-	-
Unemployment (2309)	General Cost Inflation	0.00%	-	-	-	-	-	-
LTD (2315)	General Cost Inflation	0.00%	9,312	-	-	-	-	-
Estimated Benefits (2501)	General Cost Inflation	0.00%	-	-	-	-	-	-
Fund 401 Salary and Benefit Adjustments	General Cost Inflation	0.00%	(283,444)	3,292,408	3,407,642	3,526,910	3,650,352	3,778,114
Other Operating Materials - Engineering (3110)	General Cost Inflation	0.00%	259,700	268,790	278,197	287,934	298,012	308,442
PC Software (3119)	General Cost Inflation	0.00%	20,000	20,700	21,425	22,174	22,950	23,754
Rock (3130)	General Cost Inflation	0.00%	11,950	12,368	12,801	13,249	13,713	14,193
M&O Supply (3180)	General Cost Inflation	0.00%	116,340	120,412	124,626	128,988	133,503	138,175
Other Supply (3190)	General Cost Inflation	0.00%	72,129	74,654	77,266	79,971	82,770	85,667
Fuel Consumed (3210)	General Cost Inflation	0.00%	53,310	55,176	57,107	59,106	61,174	63,316
Other Fuel Consumed (3290)	General Cost Inflation	0.00%	15,100	15,629	16,175	16,742	17,328	17,934
Small Tools (3510)	General Cost Inflation	0.00%	1,000	1,035	1,071	1,109	1,148	1,188
Attractive Capital (3550)	General Cost Inflation	0.00%	17,700	18,320	18,961	19,624	20,311	21,022
Attractive Equipment (3551)	General Cost Inflation	0.00%	-	-	-	-	-	-
Custodial & Cleaning (4120)	General Cost Inflation	0.00%	5,700	5,900	6,106	6,320	6,541	6,770
Other Professional Services (4190)	General Cost Inflation	0.00%	616,120	637,684	660,003	683,103	707,012	731,757
Telephone (4210)	General Cost Inflation	0.00%	67,760	70,132	72,586	75,127	77,756	80,478
Postage (4220)	Growth Plus Inflation	0.00%	199,800	212,883	230,328	249,736	261,474	273,763
Discretionary Travel (4350)	General Cost Inflation	0.00%	32,900	34,052	35,243	36,477	37,754	39,075
Compliance Travel (4360)	General Cost Inflation	0.00%	750	776	803	832	861	891
Employee Accountable Reimburse (4370)	General Cost Inflation	0.00%	300	311	321	333	344	356
Advertising (4410)	General Cost Inflation	0.00%	5,500	5,693	5,892	6,098	6,311	6,532
Rental/Lease of Equipment (4520)	General Cost Inflation	0.00%	5,000	5,175	5,356	5,544	5,738	5,938
Electricity (4720)	Growth Plus Inflation	0.00%	189,100	201,482	217,993	236,362	247,471	259,102
Gas (4730)	General Cost Inflation	0.00%	10,000	10,350	10,712	11,087	11,475	11,877
City of Spokane Wastewater Charge (4741)	[Calculated]	0.00%	4,163,343	1,336,414	1,418,467	1,526,688	1,628,549	1,703,798
City of Spokane PILT (4743)	[Calculated]	0.00%	603,702	119,289	126,992	137,295	146,943	153,911
Waste Disposal (4750)	General Cost Inflation	0.00%	28,000	28,980	29,994	31,044	32,131	33,255

**Spokane County
Wastewater Rate Model
Inputs & Assumptions**

Wastewater Operating Expenses (Continued)			2011	2012	2013	2014	2015	2016
Fund 401 Expenses (Continued)	Escalator	% WTP Charge						
Water (4760)	General Cost Inflation	0.00%	\$ 9,500	\$ 9,833	\$ 10,177	\$ 10,533	\$ 10,901	\$ 11,283
Equipment Repair/Maintenance (4810)	General Cost Inflation	0.00%	99,035	102,501	106,089	109,802	113,645	117,623
Building Repair & Maintenance (4820)	General Cost Inflation	0.00%	-	-	-	-	-	-
Other Repair & Maintenance (4890)	General Cost Inflation	0.00%	180,870	187,200	193,752	200,534	207,552	214,817
Dues & Membership (4920)	General Cost Inflation	0.00%	13,000	13,455	13,926	14,413	14,918	15,440
Printing & Binding (4940)	General Cost Inflation	0.00%	28,400	29,394	30,423	31,488	32,590	33,730
Bad Debt (4999)	General Cost Inflation	0.00%	18,000	18,630	19,282	19,957	20,655	21,378
External Taxes/Operating Assessments (5310)	[Calculated]	0.00%	279,315	728,291	740,979	753,029	756,692	764,277
Interfund Taxes/Operating Assessments (5410)	[Calculated]	0.00%	2,000	-	-	-	-	-
Interfund Cost Allocation to Fund #010 (5501)	General Cost Inflation	0.00%	224,973	232,847	240,997	249,432	258,162	267,197
Interfund Subsidy to Fund #512 (5506)	General Cost Inflation	0.00%	-	-	-	-	-	-
Interfund Sub GO Bond Consolidated 401 (5512)	General Cost Inflation	0.00%	-	-	-	-	-	-
Interfund Subsidy to Permit Center 010 (5532)	General Cost Inflation	0.00%	-	-	-	-	-	-
Interfund Subsidy to Fund 436 (5546)	General Cost Inflation	0.00%	-	-	-	-	-	-
Operating Transfer to Fund 434 (5584)	General Cost Inflation	0.00%	-	-	-	-	-	-
Operating Transfer to Fund 430 (5589)	General Cost Inflation	0.00%	-	-	-	-	-	-
Fees (5910)	General Cost Inflation	0.00%	6,350	6,572	6,802	7,040	7,287	7,542
Water & Sewer Systems (6370)	General Cost Inflation	0.00%	-	-	-	-	-	-
Transportation (6420)	General Cost Inflation	0.00%	-	-	-	-	-	-
Hardware/Software (6460)	General Cost Inflation	0.00%	-	-	-	-	-	-
Other Machinery (6490)	General Cost Inflation	0.00%	-	-	-	-	-	-
Construction Costs (6520)	General Cost Inflation	0.00%	-	-	-	-	-	-
Capitalization Limit Changes (6901)	General Cost Inflation	0.00%	-	-	-	-	-	-
Interest on External Long Term Debt (8300)	No Escalation	0.00%	-	-	-	-	-	-
Debt Issue Cost (8400)	No Escalation	0.00%	-	-	-	-	-	-
Other Debt Service Cost (8900)	No Escalation	0.00%	-	-	-	-	-	-
Interfund Professional Services (9110)	General Cost Inflation	0.00%	206,000	213,210	220,672	228,396	236,390	244,663
Interfund Information Systems Services (9130)	General Cost Inflation	0.00%	218,900	226,562	234,491	242,698	251,193	259,985
Interfund Legal Services (9170)	General Cost Inflation	0.00%	18,000	18,630	19,282	19,957	20,655	21,378
Interfund Postage (9210)	General Cost Inflation	0.00%	28,900	29,912	30,958	32,042	33,163	34,324
Other Interfund Commun (9290)	General Cost Inflation	0.00%	20,000	20,700	21,425	22,174	22,950	23,754
Interfund Fuel (9320)	General Cost Inflation	0.00%	14,000	14,490	14,997	15,522	16,065	16,628
Interfund Motor Pool (9502)	General Cost Inflation	0.00%	7,450	7,711	7,981	8,260	8,549	8,848
Interfund Rental of Space (9510)	General Cost Inflation	0.00%	500	518	536	554	574	594
Interfund Liability Insurance (9630)	General Cost Inflation	0.00%	123,697	128,026	132,507	137,145	141,945	146,913
Interfund Unemployment (9640)	General Cost Inflation	0.00%	18	19	19	20	21	21
Interfund Other Services & Charges (9910)	General Cost Inflation	0.00%	9,000	9,315	9,641	9,978	10,328	10,689
Interfund Filing & Recording (9950)	General Cost Inflation	0.00%	220,000	227,700	235,670	243,918	252,455	261,291
Unclassified (0001)	General Cost Inflation	0.00%	500,000	517,500	535,613	554,359	573,762	593,843
	General Cost Inflation		-	-	-	-	-	-

**Spokane County
Wastewater Rate Model
Capital Improvement Program**

Capital Improvement Program (Projected Expenditures In Nominal \$)	Total Cost	% Growth	% Existing	2011	2012	2013	2014	2015	2016
Riverside Park Water Reclamation Facility Projects (RPWRF)									
RPWRF Improvements (Excludes Effluent Filtration)*	\$ 40,689,021	73.90%	26.10%	\$ 3,396,186	\$ 2,848,406	\$ 6,186,656	\$ 6,390,454	\$ 5,497,786	\$ 2,578,493
TMDL Compliance Improvements	\$ 37,022,240	73.90%	26.10%		\$ -	\$ 2,267,456	\$ 7,193,152	\$ 14,063,680	\$ 13,497,952
Spokane County Regional Water Reclamation Facility									
Project Management/Administration	\$ 520,000	100.00%	0.00%	\$ 420,000	\$ 100,000				
Consultant - Public Outreach/Information	\$ 40,000	100.00%	0.00%	\$ 20,000	\$ 20,000				
Land/Easements	\$ 75,000	100.00%	0.00%	\$ 75,000	\$ -				
Legal	\$ 30,000	100.00%	0.00%	\$ 20,000	\$ 10,000				
NPDES Permitting	\$ 160,000	100.00%	0.00%	\$ 80,000	\$ 80,000				
Biosolids Implementation	\$ 70,000	100.00%	0.00%	\$ 50,000	\$ 20,000				
Biosolids Disposal Equipment	\$ -	100.00%	0.00%	\$ -	\$ -				
DBO Construction Management/Inspection	\$ 1,400,000	100.00%	0.00%	\$ 1,000,000	\$ 400,000				
DBO Construction	\$ 40,400,000	100.00%	0.00%	\$ 40,400,000	\$ -				
Water Resource Center	\$ 300,000		100.00%	\$ 50,000	\$ 250,000				
Influent Pumping Station, Force Mains, and Outfall Projects									
Land Purchase	\$ -	85.50%	14.50%						
Project Management/Administration	\$ 80,000	85.50%	14.50%	\$ 65,000	\$ 15,000				
Legal	\$ 75,000	85.50%	14.50%	\$ 25,000	\$ 50,000				
Construction Management/Inspection	\$ 400,000	85.50%	14.50%	\$ 400,000	\$ -				
Construction	\$ 5,900,000	85.50%	14.50%	\$ 5,300,000	\$ 600,000				
	\$ -		100.00%						
Pump Station and Force Main Projects (GFC Projects Only)									
Fairwood/Pasadena Pump Stations - Emergency Storage	\$ 520,000	85.50%	14.50%	\$ 280,000	\$ 240,000				
Marion Hay Pump Station Upgrades	\$ -	85.50%	14.50%						
Mobile Generator and Pumping Equipment	\$ -	85.50%	14.50%						
Pump Station Security/Reliability Improvements	\$ 600,000	85.50%	14.50%	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Marion Hay Secondary Force Main	\$ 3,700,000	85.50%	14.50%	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 3,250,000
Parallel Interceptor - NSI to RPWRF	\$ 2,480,000	85.50%	14.50%	\$ 240,000	\$ 2,240,000				
Riverwalk Pump Station - Pump Upgrade	\$ -	85.50%	14.50%						
Sun Acres Pump Station	\$ 125,000	85.50%	14.50%	\$ 125,000					
TMDL Compliance Programs/Projects									
Water Conservation	\$ 1,000,000	0.00%	100.00%	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -
	\$ -	0.00%	100.00%						
Water Reuse/Recharge - Pump Stations & Pipelines	\$ 8,200,000	0.00%	100.00%		\$ 1,298,000	\$ 3,323,000	\$ 3,579,000	\$ -	\$ -
Non-Point Source Study	\$ 250,000	85.50%	14.50%	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -
Saltese Flats - Phase 2 (Reclaimed Water)	\$ -	85.50%	14.50%						
Implementation	\$ 616,000	85.50%	14.50%	\$ 370,000	\$ 170,000	\$ 76,000			

* RPWRF includes an additional \$13.791 million in capital during 2017 through 2020

**Spokane County
Wastewater Rate Model
Capital Improvement Program**

Capital Improvement Program (Projected Expenditures In Nominal \$)	Total Cost	% Growth	% Existing	2011	2012	2013	2014	2015	2016
Wetlands Restoration - Saltese Flats Phase 1 (Natural Water)									
Project Management/Administration	\$ 200,000	0.00%	100.00%	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -
Land/Easements	\$ 600,000	0.00%	100.00%	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -
Legal	\$ 100,000	0.00%	100.00%	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ -
Consultant Services	\$ 700,000	0.00%	100.00%	\$ 150,000	\$ 250,000	\$ 250,000	\$ 50,000	\$ -	\$ -
Construction	\$ 2,250,000	0.00%	100.00%	\$ -	\$ -	\$ 2,000,000	\$ 250,000	\$ -	\$ -
Program Collection System Improvements									
West Ponderosa	\$ -		100.00%						
Pine River	\$ -		100.00%						
South Green Acres	\$ -		100.00%						
Cronk	\$ -		100.00%						
Corbin	\$ -		100.00%						
Green Haven	\$ 4,680,000		100.00%	\$ 4,680,000					
Broadway Pump Station	\$ 487,500		100.00%	\$ 487,500					
Micaview	\$ 5,740,000		100.00%	\$ 5,740,000					
US 2 Trunk Extension	\$ 1,000,000		100.00%		\$ 1,000,000				
Farwell Road Sewer	\$ 875,000		100.00%		\$ 875,000				
Miscellaneous Sewers	\$ 2,250,000		100.00%		\$ 250,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000

**Spokane County
Wastewater Rate Model
Capital Improvement Program**

Capital Improvement Program (Projected Expenditures In Nominal \$)	Total Cost	% Growth	% Existing	2011	2012	2013	2014	2015	2016
Long-Term Collection Replacement Program									
Scheduled Replacement of one Service Truck (U315)	\$ 385,000	0.00%	100.00%	\$ 174,000					
Wastewater Pump Station Vulnerability/Reliability Enhancements	\$ 300,000	0.00%	100.00%	\$ 100,000	\$ 100,000	\$ 100,000			
Betterment-Manhole and Sewer Line Restorations	\$ 950,000	0.00%	100.00%	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Whitworth Pump Station Interceptor Diversion Gate	\$ 95,000	0.00%	100.00%	\$ 95,000					
Pasadena Park Pump Station Overflow Storage	\$ 280,000	0.00%	100.00%	\$ 280,000					
Marion Hay Pump Station Upgraded Submersible Pump	\$ 63,000	0.00%	100.00%	\$ 63,000					
Camelot 2nd Pump Station Electrical & Controls Upgrade	\$ 60,000	0.00%	100.00%	\$ 60,000					
SCADA System Upgrade	\$ 25,000	0.00%	100.00%	\$ 25,000					
Riverwalk Pump Station Upgrades	\$ 25,500	0.00%	100.00%	\$ 25,500					
Scheduled Replacement of one CCTV Van (U307)	\$ 429,000	0.00%	100.00%		\$ 175,000				
Scheduled Replacement of 1 Pick-Up (U329) 4x4 Complete W/ Snowplow	\$ 91,000	0.00%	100.00%		\$ 25,000				
Betterment-Lift Station Facilities	\$ 2,700,000	0.00%	100.00%	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Sewer Line Restoration Program	\$ 11,250,000	0.00%	100.00%	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 500,000	\$ 500,000
Scheduled Replacement of One Tandem Axle Sewer Line Cleaning Truck	\$ 376,000	0.00%	100.00%		\$ 376,000				
Scheduled Replacement of 4 Pick-Up Trucks (U310, U318, U319, & U323)	\$ 220,000	0.00%	100.00%		\$ 100,000				
Covered Storage at Wastewater Operations	\$ 100,000	0.00%	100.00%		\$ 100,000				
Scheduled Replacement of One Pick-Up Truck (U325)	\$ 55,000	0.00%	100.00%				\$ 25,000		
Scheduled Replacement of One Pick-Up Truck W/Snowplow (U331)	\$ 108,000	0.00%	100.00%				\$ 27,000		
Scheduled Replacement of One Sludge Hauling Tank Truck (U308)	\$ 243,000	0.00%	100.00%					\$ 243,000	
Scheduled Replacement of Two Sedans (U328 & Sewer Designs U330)	\$ 92,000	0.00%	100.00%					\$ 40,000	
Scheduled Replacement of 3 Pick-Ups (U334, U335, U336)	\$ 171,000	0.00%	100.00%					\$ 75,000	
Scheduled Replacement of One CCTV Van (U324)	\$ 478,000	0.00%	100.00%						
Scheduled Replacement of One Backhoe (U320)	\$ 92,000	0.00%	100.00%						
Scheduled Replacement of One Sewer Line Cleaning Truck (U326)	\$ 434,000	0.00%	100.00%						
Replacement Sewer Line Cleaning Equipment W/Trailer (U333)	\$ 42,000	0.00%	100.00%						
Scheduled Replacement of One Forklift (U322)	\$ 25,000	0.00%	100.00%						
Scheduled Replacement of One Dump Truck (U321)	\$ 113,000	0.00%	100.00%						
Scheduled Replacement of Used 10-Ton Boom Truck (U332)	\$ 102,000	0.00%	100.00%						
Scheduled Replacement of One Line Cleaning Truck (U314)	\$ 490,000	0.00%	100.00%						
Long-Term Replacement Program	\$ 19,794,500	0.00%	100.00%	\$ 872,500	\$ 750,000	\$ 1,126,000	\$ 450,000	\$ 752,000	\$ 1,058,000

**Spokane County
Wastewater Rate Model
Schedule of Existing & New Debt Service**

Existing Debt Service - Revenue Bonds	2011	2012	2013	2014	2015	2016
2009 Bonds (Net of BABs Reimbursements)						
Share Attributable to Treatment	100.00%					
Principal Payment	\$ -	\$ -	\$ -	\$ -	\$ 6,130,000	\$ 6,435,000
Interest Payment	5,172,647	5,172,647	5,172,647	5,172,647	5,172,647	4,866,147
Total Payment	\$ 5,172,647	\$ 5,172,647	\$ 5,172,647	\$ 5,172,647	\$ 11,302,647	\$ 11,301,147
Additional Coverage Required	\$ 2,586,324	\$ 2,586,324	\$ 2,586,324	\$ 2,586,324	\$ 5,651,324	\$ 5,650,574
Use of Bond Reserve for Final Payment						
2011 Refunding Bond						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 267,000
Interest Payment	28,475	92,450	82,450	92,850	92,850	85,425
Total Payment	\$ 28,475	\$ 92,450	\$ 82,450	\$ 92,850	\$ 92,850	\$ 352,425
Additional Coverage Required						
Use of Bond Reserve for Final Payment						
Total Debt Service - Revenue Bonds						
Principal Payment	\$ -	\$ -	\$ -	\$ -	\$ 6,130,000	\$ 6,702,000
Interest Payment	5,201,122	5,265,097	5,255,097	5,265,497	5,265,497	4,951,572
Total Payment	\$ 5,201,122	\$ 5,265,097	\$ 5,255,097	\$ 5,265,497	\$ 11,395,497	\$ 11,653,572
Additional Coverage Required	\$ 2,586,324	\$ 2,586,324	\$ 2,586,324	\$ 2,586,324	\$ 5,651,324	\$ 5,650,574
Use of Bond Reserve for Final Payment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Spokane County
Wastewater Rate Model
Schedule of Existing & New Debt Service**

Existing Debt Service - General Obligation Bonds		2011	2012	2013	2014	2015	2016
2003A LTGO & Refunding (93 & 96 Refunding) A 0246							
Share Attributable to Treatment	0.00%						
Principal Payment		\$ 225,000	\$ 235,000	\$ 245,000	\$ 255,000	\$ 265,000	\$ -
Interest Payment		124,956	73,350	61,600	51,800	41,600	31,000
Total Payment		\$ 349,956	\$ 308,350	\$ 306,600	\$ 306,800	\$ 306,600	\$ 31,000
2004A LTGO Refunding Bonds (1994A&B/1996 RFD) 0249							
Share Attributable to Treatment	0.00%						
Principal Payment		\$ 195,000	\$ 205,000	\$ 210,000	\$ 220,000	\$ 230,000	\$ 240,000
Interest Payment		163,033	154,746	146,033	137,108	127,758	118,098
Total Payment		\$ 358,033	\$ 359,746	\$ 356,033	\$ 357,108	\$ 357,758	\$ 358,098
2007 LTGO (Sewer Project) 0252							
Share Attributable to Treatment	0.00%						
Principal Payment		\$ 330,000	\$ 345,000	\$ 365,000	\$ 385,000	\$ 405,000	\$ 430,000
Interest Payment		399,755	383,255	366,005	345,930	324,755	302,480
Total Payment		\$ 729,755	\$ 728,255	\$ 731,005	\$ 730,930	\$ 729,755	\$ 732,480
2007 LTGO (Sewer Project) 0252							
Share Attributable to Treatment	0.00%						
Principal Payment		\$ 290,000	\$ 305,000	\$ 320,000	\$ 335,000	\$ 355,000	\$ 375,000
Interest Payment		349,943	335,443	320,193	302,593	284,168	264,643
Total Payment		\$ 639,943	\$ 640,443	\$ 640,193	\$ 637,593	\$ 639,168	\$ 639,643

**Spokane County
Wastewater Rate Model
Schedule of Existing & New Debt Service**

Existing Debt Service - General Obligation Bonds (Continued)	2011	2012	2013	2014	2015	2016
2007 LTGO & Refunding (1998 RFND Sewer Prjct)						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ -	\$ -	\$ 280,000	\$ 435,000	\$ 60,000	\$ -
Interest Payment	42,625	42,625	42,625	27,225	3,300	-
Total Payment	\$ 42,625	\$ 42,625	\$ 322,625	\$ 462,225	\$ 63,300	\$ -
2007 LTGO & Refunding (1998 RFND Sewer ULID)						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ -	\$ -	\$ 120,000	\$ 175,000	\$ 20,000	\$ -
Interest Payment	17,325	17,325	17,325	10,725	1,100	-
Total Payment	\$ 17,325	\$ 17,325	\$ 137,325	\$ 185,725	\$ 21,100	\$ -
2007 LTGO & Refunding Bonds (1999 Refunded)						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ 222,550	\$ 190,550	\$ 163,800	\$ 127,225	\$ 112,925	\$ 75,525
Interest Payment	640,000	535,000	665,000	260,000	680,000	255,000
Total Payment	\$ 862,550	\$ 725,550	\$ 828,800	\$ 387,225	\$ 792,925	\$ 330,525
2008 LTGO Sewer						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ 195,000	\$ 200,000	\$ 205,000	\$ 215,000	\$ 220,000	\$ 230,000
Interest Payment	196,955	190,618	184,118	177,199	169,674	161,974
Total Payment	\$ 391,955	\$ 390,618	\$ 389,118	\$ 392,199	\$ 389,674	\$ 391,974
2008 LTGO Spokane Raceway Park (Transferred to Sewer Utility)						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ 190,000	\$ 195,000	\$ 205,000	\$ 210,000	\$ 220,000	\$ 225,000
Interest Payment	193,494	187,319	180,981	174,063	166,713	159,013
Total Payment	\$ 383,494	\$ 382,319	\$ 385,981	\$ 384,063	\$ 386,713	\$ 384,013
2010 LTGO with BAB Credits						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ -	\$ -	\$ 2,130,000	\$ 2,195,000	\$ 2,270,000	\$ 2,360,000
Interest Payment	2,743,664	2,199,820	2,199,820	2,135,920	2,059,095	1,968,295
Total Payment	\$ 2,743,664	\$ 2,199,820	\$ 4,329,820	\$ 4,330,920	\$ 4,329,095	\$ 4,328,295
Total Debt Service - General Obligation (GO) Bonds						
Principal Payment	\$ 1,647,550	\$ 1,675,550	\$ 4,243,800	\$ 4,552,225	\$ 4,157,925	\$ 3,935,525
Interest Payment	4,871,750	4,119,499	4,183,699	3,622,562	3,858,162	3,260,502
Total Payment	\$ 6,519,300	\$ 5,795,049	\$ 8,427,499	\$ 8,174,787	\$ 8,016,087	\$ 7,196,027

**Spokane County
Wastewater Rate Model
Schedule of Existing & New Debt Service**

Existing Debt Service - Other Debt	2011	2012	2013	2014	2015	2016
Public Works Trust Fund Loan #PW-5-95-791-045						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ 134,046	\$ 134,046	\$ 134,046	\$ 134,046	\$ 134,046	
Interest Payment	6,702	5,362	4,021	2,681	1,340	
Total Payment	\$ 140,748	\$ 139,408	\$ 138,067	\$ 136,727	\$ 135,387	\$ -
SRF Loan L03-000015						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ 529,685	\$ 537,660	\$ 545,755	\$ 553,972	\$ 562,313	\$ 570,779
Interest Payment	96,970	88,995	80,900	72,683	64,342	55,876
Total Payment	\$ 626,655	\$ 626,655	\$ 626,655	\$ 626,655	\$ 626,655	\$ 626,655
SRF Loan L05-00006						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ 389,635	\$ 395,501	\$ 401,456	\$ 407,500	\$ 413,636	\$ 419,864
Interest Payment	118,354	112,488	106,533	100,488	94,353	88,125
Total Payment	\$ 507,989	\$ 507,989	\$ 507,989	\$ 507,989	\$ 507,989	\$ 507,989
SRF Loan PR08-951-111						
Share Attributable to Treatment	0.00%					
Principal Payment	\$ 185,693	\$ 185,693	\$ 185,693			
Interest Payment	1,537	1,857	928			
Total Payment	\$ 187,229	\$ 187,550	\$ 186,621	\$ -	\$ -	\$ -
Total Debt Service - Other Debt						
Principal Payment	\$ 1,239,059	\$ 1,252,900	\$ 1,266,950	\$ 1,095,519	\$ 1,109,995	\$ 990,643
Interest Payment	223,563	208,701	192,382	175,852	160,035	144,001
Total Payment	\$ 1,462,622	\$ 1,461,601	\$ 1,459,332	\$ 1,271,371	\$ 1,270,030	\$ 1,134,644

**Spokane County
Wastewater Rate Model
Schedule of Existing & New Debt Service**

Summary of Total Debt Service	2011	2012	2013	2014	2015	2016
Total Debt Service						
Principal Payment	\$ 2,886,609	\$ 2,928,450	\$ 5,510,750	\$ 5,647,744	\$ 11,397,920	\$ 11,628,168
Interest Payment	10,296,435	9,593,298	9,631,179	9,063,911	9,283,694	8,356,075
Total Payment	\$ 13,183,044	\$ 12,521,748	\$ 15,141,929	\$ 14,711,655	\$ 20,681,614	\$ 19,984,243
Additional Coverage Required	\$ 2,586,324	\$ 2,586,324	\$ 2,586,324	\$ 2,586,324	\$ 5,651,324	\$ 5,650,574
Use of Bond Reserve for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Spokane County
Wastewater Rate Model
Summary of Fund Activity**

Operating Fund	2011	2012	2013	2014	2015	2016
Working Capital Reserve						
Beginning Balance	\$ 9,659,669	\$ 6,709,622	\$ 6,691,298	\$ 5,068,709	\$ 5,067,839	\$ 4,750,214
Ending Balance	\$ 6,709,622	\$ 6,691,298	\$ 5,068,709	\$ 5,067,839	\$ 4,750,214	\$ 4,431,629
<i>Minimum Balance</i>	\$ 1,161,866	\$ 1,628,828	\$ 1,724,400	\$ 1,853,402	\$ 1,950,663	\$ 2,028,692
Restricted Replacement Reserve - Collection/Other Assets						
Beginning Balance	\$ 19,843,291	\$ 19,308,127	\$ 18,992,560	\$ 18,593,892	\$ 19,112,255	\$ 19,590,281
Plus: Interest Earnings	337,336	434,433	427,333	418,363	430,026	440,781
Plus: Reserve Funding	-	-	300,000	550,000	800,000	1,050,000
Less: Use for Capital Replacement Projects	(872,500)	(750,000)	(1,126,000)	(450,000)	(752,000)	(1,058,000)
Ending Balance	\$ 19,308,127	\$ 18,992,560	\$ 18,593,892	\$ 19,112,255	\$ 19,590,281	\$ 20,023,062
Restricted Replacement Reserve - WWTP/PS/Outfall						
Beginning Balance	\$ -	\$ -	\$ 577,268	\$ 1,213,578	\$ 1,886,390	\$ 2,597,284
Plus: Interest Earnings	-	-	12,989	27,306	42,444	58,439
Plus: Reserve Funding	-	577,268	623,321	645,507	668,450	692,221
Less: Use for Capital Replacement Projects	-	-	-	-	-	-
Ending Balance	\$ -	\$ 577,268	\$ 1,213,578	\$ 1,886,390	\$ 2,597,284	\$ 3,347,944
Beginning Balance All	\$ 29,502,960	\$ 26,017,749	\$ 26,261,127	\$ 24,876,179	\$ 26,066,484	\$ 26,937,778
Ending Balance All	\$ 26,017,749	\$ 26,261,127	\$ 24,876,179	\$ 26,066,484	\$ 26,937,778	\$ 27,802,634
Capital Fund	2011	2012	2013	2014	2015	2016
Beginning Balance	\$ 81,630,688	\$ 47,084,499	\$ 55,044,217	\$ 58,410,119	\$ 56,525,319	\$ 38,403,330
Ending Balance	\$ 47,084,499	\$ 55,044,217	\$ 58,410,119	\$ 56,525,319	\$ 38,403,330	\$ 21,075,292
<i>Minimum Balance</i>	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000
B-Funds	2011	2012	2013	2014	2015	2016
Beginning Balance	\$ 20,265,974	\$ 14,749,462	\$ 9,908,677	\$ 4,153,026	\$ -	\$ -
Plus: Interest Earnings	344,522	331,863	222,945	93,443	-	-
Less: Use for Debt Service	(5,861,034)	(5,172,647)	(5,978,597)	(4,246,469)	-	-
Ending Balance	\$ 14,749,462	\$ 9,908,677	\$ 4,153,026	\$ -	\$ -	\$ -

**Spokane County
Wastewater Rate Model
Capital Facilities Rate (CFR) Calculation & Revenue Forecast**

Calculation of Charge to CFR Customers	2011	2012	2013	2014	2015	2016
Number of Conversion ERUs	772	0	0	0	0	0
Number of Paying Customers (Beginning of Year)	772	0	0	0	0	0
Policy-Induced Lump-Sum CFR (Construction Only)	\$ 4,030	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: Subsidized GFC						
GFC per ERU	\$ 4,220	\$ 4,510	\$ 4,801	\$ 4,945	\$ 5,094	\$ 5,247
GFC Subsidy	55.33%	100.00%	100.00%	100.00%	100.00%	100.00%
Subsidized GFC	\$ 1,885	\$ -	\$ -	\$ -	\$ -	\$ -
Total Charge to CFR Customers	\$ 5,915	\$ -	\$ -	\$ -	\$ -	\$ -
Assumed Interest Rate	6.00%	5.50%	5.50%	5.50%	5.50%	5.50%
Assumed Amortization Period	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years
Monthly Payment for CFR Customers	\$42.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Breakdown of Charges:						
Lump-Sum CFR	39.62%	0.00%	0.00%	0.00%	0.00%	0.00%
Subsidized GFC	18.53%	0.00%	0.00%	0.00%	0.00%	0.00%
Interest	41.84%	100.00%	100.00%	100.00%	100.00%	100.00%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Total Charge:						
Lump-Sum CFR	\$ 4,030	\$ -	\$ -	\$ -	\$ -	\$ -
Subsidized GFC	1,885	-	-	-	-	-
Interest	4,255	-	-	-	-	-
Total	\$ 10,170	\$ -	\$ -	\$ -	\$ -	\$ -
Principal Amount	\$ 5,915	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly Payment Over 20 Years	\$ 42.38	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization Assumptions:						
Percent of Customers Choosing Monthly Payment Option	85.0%	80.0%				
Percent of Customers Paying Charge Upfront in First Year	15.0%	20.0%				
Percent of Customers Paying Off Charge Each Year	3.5%	3.5%				
Projected CFR Revenue	\$ 9,743,706	\$ 9,088,996	\$ 8,072,394	\$ 7,670,648	\$ 7,287,000	\$ 6,920,680