

Dashboard View Range	
Starting Year	2018
Projection Period:	2012 - 2022

# FCS GROUP Model Dashboard

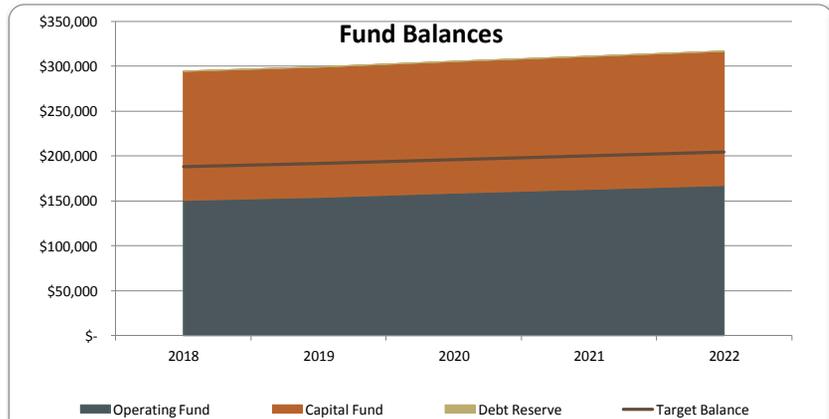
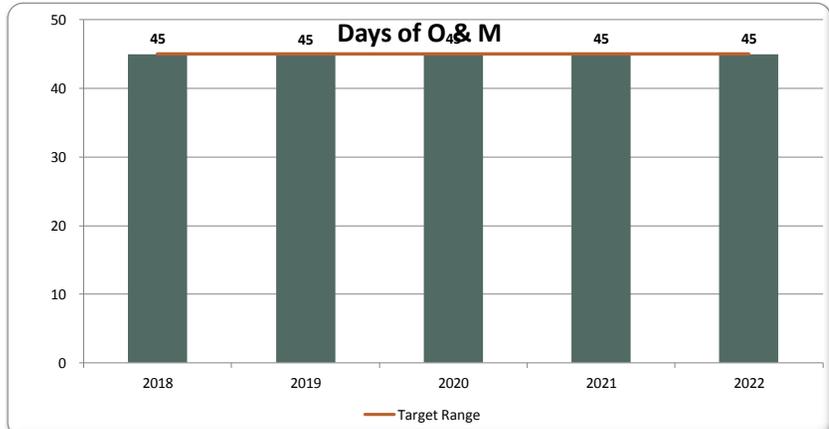
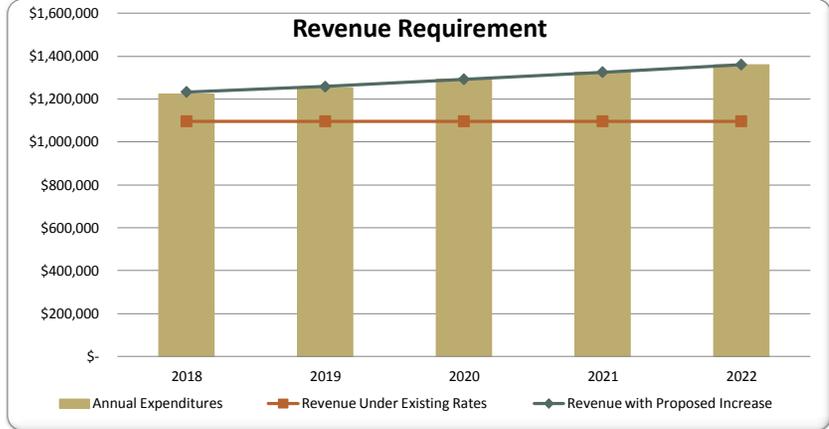
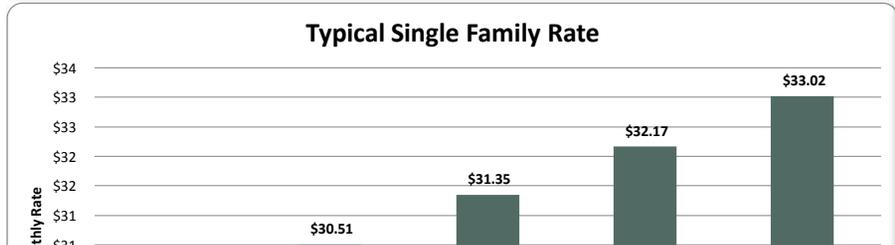
Cash Flow Summary	FYE	2018	2019	2020	2021	2022
Revenue Under Existing Rates		\$ 1,096,468	\$ 1,096,507	\$ 1,096,540	\$ 1,096,587	\$ 1,096,629
Revenue with Proposed Increase		\$ 1,233,355	\$ 1,257,831	\$ 1,292,294	\$ 1,325,639	\$ 1,360,563
Annual Expenditures		\$ 1,222,374	\$ 1,254,534	\$ 1,292,294	\$ 1,325,639	\$ 1,360,563
Net Cash Flow After Increase		\$ 10,981	\$ 3,297	\$ -	\$ -	\$ -

Rate Increase	
original annual increase	2.00% 2.00% 2.76% 2.60% 2.65%

Quick Adjustment Panel	FYE	2018	2019	2020	2021	2022
<b>Economic Assumptions</b>						
General Cost Inflation						
original		2.50%	2.50%	2.50%	2.50%	2.50%
Construction Cost Inflation						
original		3.00%	3.00%	3.00%	3.00%	3.00%
Labor Cost Inflation						
original		2.50%	2.50%	2.50%	2.50%	2.50%
Customer Growth						
original		0.00%	0.00%	0.00%	0.00%	0.00%
Benefits						
original		3.50%	3.50%	3.50%	3.50%	3.50%
Fund Earnings						
original		1.00%	1.00%	1.00%	1.00%	1.00%

Quick Adjustment Panel	FYE	2018	2019	2020	2021	2022
<b>System Reinvestment</b>						
4 - System Reinvestment is not Funded						
original		100%	100%	100%	100%	100%

Bill Calculator	FYE	2018	2019	2020	2021	2022
Container Size		32 gal				
Pickups per Week				1		
Monthly Charge		\$ 29.91	\$ 30.51	\$ 31.35	\$ 32.17	\$ 33.02



# City of Petersburg, Alaska

## Sanitation Utility

### Summary

Capital Funding	FY Ending							
	2012	2013	2014	2015	2016	2017	2018	2019
<b>Total Capital Projects</b>	\$ 12,500	\$ 45,000	\$ 257,500	\$ 212,180	\$ 163,909	\$ 225,102	\$ 231,855	\$ -
Grants & Developer Donations	-	-	180,250	148,526	114,736	157,571	162,298	-
Use of Capital Fund Balance	-	45,000	77,250	63,654	49,173	67,531	69,556	-
ADEC & Other Loans	-	-	-	-	-	-	-	-
Direct Rate Funding	12,500	-	-	-	-	-	-	-
<b>Total Funding Sources</b>	\$ 12,500	\$ 45,000	\$ 257,500	\$ 212,180	\$ 163,909	\$ 225,102	\$ 231,855	\$ -

Revenue Requirements	2012	2013	2014	2015	2016	2017	2018	2019
<b>Revenues</b>								
Rate Revenues Under Existing Rates	\$ 1,090,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000
Non-Rate Revenues	9,815	11,281	11,324	11,358	11,394	11,431	11,468	11,507
<b>Total Revenues</b>	\$ 1,099,815	\$ 1,096,281	\$ 1,096,324	\$ 1,096,358	\$ 1,096,394	\$ 1,096,431	\$ 1,096,468	\$ 1,096,507
<b>Expenses</b>								
Cash Operating Expenses	\$ 1,038,841	\$ 1,073,694	\$ 1,101,885	\$ 1,130,827	\$ 1,160,542	\$ 1,191,050	\$ 1,222,374	\$ 1,254,534
Existing Debt Service	-	-	-	-	-	-	-	-
New Debt Service	-	-	-	-	-	-	-	-
Rate-Funded CIP	12,500	-	-	-	-	-	-	-
Additions to Operating Reserve	-	-	-	-	-	-	-	-
<b>Total Expenses</b>	\$ 1,051,341	\$ 1,073,694	\$ 1,101,885	\$ 1,130,827	\$ 1,160,542	\$ 1,191,050	\$ 1,222,374	\$ 1,254,534
<b>Maximum Net (Cash or Coverage)</b>	\$ 48,474	\$ 22,587	\$ (5,561)	\$ (34,469)	\$ (64,148)	\$ (94,620)	\$ (125,905)	\$ (158,027)
<b>Annual Rate Adjustment</b>	<b>0.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>
<b>Cumulative Rate Increase</b>	<b>0.00%</b>	<b>2.00%</b>	<b>4.04%</b>	<b>6.12%</b>	<b>8.24%</b>	<b>10.41%</b>	<b>12.62%</b>	<b>14.87%</b>
Sample Residential Bill [a]	\$26.56	\$27.09	\$27.63	\$28.19	\$28.75	\$29.32	\$29.91	\$30.51
[a] 32 gallon container, 1 pick-up per week								
Rate Revenues After Rate Increase	\$ 1,090,000	\$ 1,106,700	\$ 1,128,834	\$ 1,151,411	\$ 1,174,439	\$ 1,197,928	\$ 1,221,886	\$ 1,246,324
Net Cash Flow After Rate Increase	48,474	44,287	38,273	31,942	25,291	18,308	10,981	3,297
Coverage After Rate Increases	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Fund Balances - Projected Y-E	2012	2013	2014	2015	2016	2017	2018	2019
Operating Reserves	\$ 128,076	\$ 132,373	\$ 135,849	\$ 139,417	\$ 143,081	\$ 146,842	\$ 150,704	\$ 154,000
Capital Reserves	351,861	350,370	311,421	279,255	254,503	204,064	143,667	145,104
Debt Reserves	-	-	-	-	-	-	-	-
<b>Total</b>	\$ 479,938	\$ 482,743	\$ 447,270	\$ 418,672	\$ 397,583	\$ 350,906	\$ 294,371	\$ 299,104
<i>Combined Minimum Target Balance</i>	\$ 154,040	\$ 158,787	\$ 164,838	\$ 170,528	\$ 175,830	\$ 181,843	\$ 188,023	\$ 191,988

# City of Petersburg, Alaska Sanitation Utility

## Assumptions

Economic & Financial Factors			FYE	2012	2013	2014	2015	2016	2017	2018	2019
1	General Cost Inflation	Anchorage 4-yr Avg. CPI		2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
2	Construction Cost Inflation			3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
3	Labor Cost Inflation			2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
4	Customer Growth	per email		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5	General Inflation plus Growth			2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
6	Benefits			3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
7	Other Escalation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8	No Escalation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Fund Earnings	per email		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%

Accounting Assumptions			FYE	2012	2013	2014	2015	2016	2017	2018	2019
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### FISCAL POLICY RESTRICTIONS

Min. Op. Fund Balance Target (days of O&M expense)	45	45	45	45	45	45	45	45	45	45
Max. Op. Fund Balance (days of O&M expense)	45	45	45	45	45	45	45	45	45	45

### Minimum Capital Fund Balance Target

Select Minimum Capital Fund Balance Target	1	Defined as % of Plant														
1 - Defined as % of Plant																
Plant-in-Service in 2011 [a]	\$	2,583,900														
Minimum Capital Fund Balance - % of plant assets		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%					
	\$	25,964	\$	26,414	\$	28,989	\$	31,111	\$	32,750	\$	35,001	\$	37,319	\$	37,319
2 - Amount at Right ==>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
[a] Fixed assets records as of June 30, 2011																

### RATE FUNDED SYSTEM REINVESTMENT

Select Reinvestment Funding Strategy	4	System Reinvestment is not Funded														
Amount of Annual Cash Funding from Rates																
1 - Equal to Annual Depreciation Expense																
2 - Equal to Annual Depreciation Expense less Annual Debt Principal Payments																
3 - Equal to Amount at Right ==>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
4 - Do Not Fund System Reinvestment		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

# City of Petersburg, Alaska Sanitation Utility

## Assumptions

### Capital Financing Assumptions

FYE	2012	2013	2014	2015	2016	2017	2018	2019
<b>ALASKA MUNICIPAL BOND BANK - REVENUE BONDS</b>								
Term (years)	20	20	20	20	20	20	20	20
Interest Cost	3.25%	3.25%	3.25%	3.25%	3.25%	4.25%	4.25%	4.25%
Issuance Cost	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Target Revenue Bond Coverage	1.25							
<b>ADEC &amp; OTHER LOANS</b>								
Term (years)	20	20	20	20	20	20	20	20
Interest Cost	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Issuance Cost	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Existing Debt Input**

<b>Existing Debt Service - Revenue Bonds</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	
<b>REVENUE BOND 1</b>										
Annual Interest Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Annual Principal Payment		-	-	-	-	-	-	-	-	-
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Use of Debt reserve for Debt Service		-	-	-	-	-	-	-	-	-
<b>REVENUE BOND 2</b>										
Annual Interest Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Annual Principal Payment		-	-	-	-	-	-	-	-	-
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Use of Debt reserve for Debt Service		-	-	-	-	-	-	-	-	-
<b>REVENUE BOND 3</b>										
Annual Interest Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Annual Principal Payment		-	-	-	-	-	-	-	-	-
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Use of Debt reserve for Debt Service		-	-	-	-	-	-	-	-	-
<b>REVENUE BOND 4</b>										
Annual Interest Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Annual Principal Payment		-	-	-	-	-	-	-	-	-
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Use of Debt reserve for Debt Service		-	-	-	-	-	-	-	-	-
<b>TOTAL REVENUE BONDS</b>										
Annual Interest Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Annual Principal Payment		-	-	-	-	-	-	-	-	-
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Use of Debt reserve for Debt Service		-	-	-	-	-	-	-	-	-
Annual Debt Reserve Target on Existing Revenue Bonds		-	-	-	-	-	-	-	-	-

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Existing Debt Input**

<b>Existing Debt Service - State Loans</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	
<b>STATE LOAN 1</b>										
Annual Interest Payment										
Annual Principal Payment										
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-
<b>STATE LOAN 2</b>										
Annual Interest Payment										
Annual Principal Payment										
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-
<b>STATE LOAN 3</b>										
Annual Interest Payment										
Annual Principal Payment										
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-
<b>STATE LOAN 4</b>										
Annual Interest Payment										
Annual Principal Payment										
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-
<b>TOTAL STATE LOANS</b>										
Annual Interest Payment	\$	-	\$	-	\$	-	\$	-	\$	-
Annual Principal Payment		-		-		-		-		-
Total Annual Payment	\$	-	\$	-	\$	-	\$	-	\$	-

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Operating Revenue and Expenditure Forecast**

Revenues	FORECAST BASIS	FYE	Actual	Budget	Budget	Projection	Projection	Projection	Projection	Projection	Projection
			2011	2012	2013	2014	2015	2016	2017	2018	2019
Refuse Collection	4	Customer Growth	\$ 811,258	\$ 800,000	\$ 810,000	\$ 810,000	\$ 810,000	\$ 810,000	\$ 810,000	\$ 810,000	\$ 810,000
Baler/Landfill Charges	4	Customer Growth	278,178	290,000	275,000	275,000	275,000	275,000	275,000	275,000	275,000
<b>Subtotal Rate Revenue</b>			<b>\$ 1,089,436</b>	<b>\$ 1,090,000</b>	<b>\$ 1,085,000</b>	<b>\$ 1,085,000</b>	<b>\$ 1,085,000</b>	<b>\$ 1,085,000</b>	<b>\$ 1,085,000</b>	<b>\$ 1,085,000</b>	<b>\$ 1,085,000</b>
Recycling Revenue	4	Customer Growth	3,425	2,500	7,000	7,000	7,000	7,000	7,000	7,000	7,000
Salvage Permits	4	Customer Growth	4,114	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Residential	1	General Cost Inflation	388	-	-	-	-	-	-	-	-
Charges For Services	1	General Cost Inflation	44	-	-	-	-	-	-	-	-
<b>TOTAL REVENUES</b>			<b>\$ 1,097,406</b>	<b>\$ 1,095,500</b>	<b>\$ 1,095,000</b>	<b>\$ 1,095,000</b>	<b>\$ 1,095,000</b>	<b>\$ 1,095,000</b>	<b>\$ 1,095,000</b>	<b>\$ 1,095,000</b>	<b>\$ 1,095,000</b>
				1,108,500	1,115,000	Budget Revenue Total					
				(13,000)	(20,000)						
				3,000	4,000	Investment Income (shown on Tests page)					
				10,000	16,000	State PERS Relief (offset by expense)					
				-	-						

Expenditures	FORECAST BASIS	FYE	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Payroll Expense</b>											
Regular Pay	3	Labor Cost Inflation	\$ 241,864	\$ 227,017	\$ 236,384	\$ 242,294	\$ 248,351	\$ 254,560	\$ 260,924	\$ 267,447	\$ 274,133
Overtime	3	Labor Cost Inflation	1,815	1,886	1,958	2,007	2,057	2,109	2,161	2,215	2,271
Benefits	6	Benefits	129,101	128,308	134,821	139,540	144,424	149,478	154,710	160,125	165,729
<b>Payroll Expense Subtotal</b>			<b>\$ 372,779</b>	<b>\$ 357,211</b>	<b>\$ 373,163</b>	<b>\$ 383,840</b>	<b>\$ 394,832</b>	<b>\$ 406,147</b>	<b>\$ 417,795</b>	<b>\$ 429,787</b>	<b>\$ 442,133</b>
<b>Supplies</b>											
Operating Supplies	1	General Cost Inflation	\$ 15,282	\$ 21,921	\$ 21,500	\$ 22,038	\$ 22,588	\$ 23,153	\$ 23,732	\$ 24,325	\$ 24,933
Maintenance Supplies	1	General Cost Inflation	7,672	12,561	11,332	11,615	11,906	12,203	12,508	12,821	13,142
Safety Supplies	1	General Cost Inflation	5,174	6,763	6,542	6,706	6,873	7,045	7,221	7,402	7,587
Small Tools & Equipment	1	General Cost Inflation	2,793	3,104	4,382	4,492	4,604	4,719	4,837	4,958	5,082
Dumpster/Cans	1	General Cost Inflation	1,079	7,687	8,307	8,515	8,728	8,946	9,169	9,399	9,634
<b>Supplies Subtotal</b>			<b>\$ 32,000</b>	<b>\$ 52,036</b>	<b>\$ 52,063</b>	<b>\$ 53,365</b>	<b>\$ 54,699</b>	<b>\$ 56,066</b>	<b>\$ 57,468</b>	<b>\$ 58,905</b>	<b>\$ 60,377</b>
<b>Services &amp; Charges</b>											
Professional Services	1	General Cost Inflation	\$ 47,231	\$ 18,094	\$ 17,560	\$ 17,999	\$ 18,449	\$ 18,910	\$ 19,383	\$ 19,868	\$ 20,364
Curbside Recycling Contract	1	General Cost Inflation	-	36,000	36,000	36,900	37,823	38,768	39,737	40,731	41,749
Communications	1	General Cost Inflation	2,462	2,674	2,916	2,989	3,064	3,140	3,219	3,299	3,382
Travel & Training	1	General Cost Inflation	2,255	3,200	2,250	2,306	2,364	2,423	2,484	2,546	2,609
Advertising & Printing	1	General Cost Inflation	65	1,000	300	308	315	323	331	339	348
Vehicle Replacement	1	General Cost Inflation	76,225	84,198	83,390	85,475	87,612	89,802	92,047	94,348	96,707
Vehicle Insurance	1	General Cost Inflation	3,450	3,866	2,377	2,436	2,497	2,560	2,624	2,689	2,757
Liability Insurance	1	General Cost Inflation	3,385	4,000	3,893	3,990	4,090	4,192	4,297	4,405	4,515
Property Insurance	1	General Cost Inflation	1,977	2,600	2,274	2,331	2,389	2,449	2,510	2,573	2,637
Utilities	1	General Cost Inflation	28,014	30,000	30,000	30,750	31,519	32,307	33,114	33,942	34,791

# City of Petersburg, Alaska Sanitation Utility

## Operating Revenue and Expenditure Forecast

Repairs & Maintenance	1	General Cost Inflation	6,423	4,500	4,500	4,613	4,728	4,846	4,967	5,091	5,219
Overhead Charges	1	General Cost Inflation	58,720	58,910	87,219	89,399	91,634	93,925	96,273	98,680	101,147
Haz Mat Event	1	General Cost Inflation	23,011	25,000	25,000	25,625	26,266	26,922	27,595	28,285	28,992
Recycling Expense	1	General Cost Inflation	10,655	12,000	10,000	10,250	10,506	10,769	11,038	11,314	11,597
Ground Water Monitor	1	General Cost Inflation	3,011	2,050	2,050	2,101	2,154	2,208	2,263	2,319	2,377
Motor Pool Charges O&M	1	General Cost Inflation	71,407	75,502	73,739	75,582	77,472	79,409	81,394	83,429	85,515
Credit Card Fees	1	General Cost Inflation	5,053	5,000	5,000	5,125	5,253	5,384	5,519	5,657	5,798
Bad Debt Accts	1	General Cost Inflation	2,627	-	-	-	-	-	-	-	-
Bale Disposal	1	General Cost Inflation	246,179	261,000	260,000	266,500	273,163	279,992	286,991	294,166	301,520
<b>Services &amp; Charges Subtotal</b>			<b>\$ 592,150</b>	<b>\$ 629,594</b>	<b>\$ 648,468</b>	<b>\$ 664,680</b>	<b>\$ 681,297</b>	<b>\$ 698,329</b>	<b>\$ 715,787</b>	<b>\$ 733,682</b>	<b>\$ 752,024</b>
<b>Total O&amp;M Expenditures</b>			<b>\$ 996,929</b>	<b>\$ 1,038,841</b>	<b>\$ 1,073,694</b>	<b>\$ 1,101,885</b>	<b>\$ 1,130,827</b>	<b>\$ 1,160,542</b>	<b>\$ 1,191,050</b>	<b>\$ 1,222,374</b>	<b>\$ 1,254,534</b>
				\$ 1,123,341	\$ 1,176,693	Budget Expenditure Total					
				(84,500)	(102,999)						
				\$ 62,000	\$ 62,000	Depreciation					
				10,000	16,000	State PERS Relief (offset by revenue)					
				12,500	25,000	Capital Outlays (shown on CIP page)					
				\$ -	\$ 1						
Construction Work In Progress in FYE 2011		from Trial Balance Report	\$ -								
Depreciation Expense in FYE 2011			\$ 61,906								
Depreciation Expense		Last year's plus annual additions from CIP	\$ 61,906	\$ 62,156	\$ 63,056	\$ 68,206	\$ 72,450	\$ 75,728	\$ 80,230	\$ 84,867	
<b>TOTAL EXPENSES</b>			<b>\$ 1,100,747</b>	<b>\$ 1,135,850</b>	<b>\$ 1,164,941</b>	<b>\$ 1,199,033</b>	<b>\$ 1,232,992</b>	<b>\$ 1,266,778</b>	<b>\$ 1,302,603</b>	<b>\$ 1,339,401</b>	

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Capital Improvement Program**

Project Costs and O&M Impacts in Year: **2013**

(Project costs are escalated using Construction Cost Inflation assumptions)

**70%**

Grant Funded

Description	Life in Years	Specific Funding Source 1-Enterprise Fund, 2-Grants & Developer Donations	Current Costs								Total Project	
			FYE 2012	FYE 2013	FYE 2014	FYE 2015	FYE 2016	FYE 2017	FYE 2018	FYE 2019		
Capital Outlays		1 Enterprise Fund	\$ 12,500	\$ 25,000								\$ 37,500
Metal Pile Cover (approx. \$440K total, Harbor to pay 1/2) - loan portion		1 Enterprise Fund		20,000	60,000							\$ 80,000
Metal Pile Cover (grant portion)		2 Grants/Developer Donation			140,000							\$ 140,000
Storage Quonset Replacement (with prefab steel building) - loan portion		1 Enterprise Fund					45,000					\$ 45,000
Storage Quonset Replacement (with prefab steel building) - grant portion		2 Grants/Developer Donation						105,000				\$ 105,000
Open Top MSW Container Loading Dock & Scrap Metal Recycling Area (loan portion)		1 Enterprise Fund				60,000						\$ 60,000
Open Top MSW Container Loading Dock & Scrap Metal Recycling Area (grant portion)		2 Grants/Developer Donation				140,000						\$ 140,000
Replace/repair Baler Fencing (loan portion)		1 Enterprise Fund			15,000							\$ 15,000
Replace/repair Baler Fencing (grant portion)		2 Grants/Developer Donation			35,000							\$ 35,000
Roof Replacement (loan portion)		1 Enterprise Fund						60,000				\$ 60,000
Roof Replacement (grant portion)		2 Grants/Developer Donation						140,000				\$ 140,000
Baler Control System Upgrade and Bale Ram/Chamber Rebuild (loan portion)		1 Enterprise Fund							60,000			\$ 60,000
Baler Control System Upgrade and Bale Ram/Chamber Rebuild (grant portion)		2 Grants/Developer Donation							140,000			\$ 140,000
		Select Source										\$ -
		Select Source										\$ -
		Select Source										\$ -
<b>Total Scheduled Capital Projects</b>			<b>\$ 12,500</b>	<b>\$ 45,000</b>	<b>\$ 250,000</b>	<b>\$ 200,000</b>	<b>\$ 150,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ 1,057,500</b>
<b>Total Grants/Developer Donations</b>			-	-	175,000	140,000	105,000	140,000	140,000	140,000	-	

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Capital Improvement Program**

Description	Life in Years	Specific Funding Source 1-Enterprise Fund, 2-Grants & Developer Donations	Escalated Costs								Total Project	
			FYE 2012	FYE 2013	FYE 2014	FYE 2015	FYE 2016	FYE 2017	FYE 2018	FYE 2019		
Capital Outlays	0	1 Enterprise Fund	\$ 12,500	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,500
Metal Pile Cover (approx. \$440K total, Harbor	0	1 Enterprise Fund	-	20,000	61,800	-	-	-	-	-	-	\$ 81,800
Metal Pile Cover (grant portion)	0	2 Grants/Developer Donation	-	-	144,200	-	-	-	-	-	-	\$ 144,200
Storage Quonset Replacement (with prefab s	0	1 Enterprise Fund	-	-	-	-	49,173	-	-	-	-	\$ 49,173
Storage Quonset Replacement (with prefab s	0	2 Grants/Developer Donation	-	-	-	-	114,736	-	-	-	-	\$ 114,736
Open Top MSW Container Loading Dock & S	0	1 Enterprise Fund	-	-	-	63,654	-	-	-	-	-	\$ 63,654
Open Top MSW Container Loading Dock & S	0	2 Grants/Developer Donation	-	-	-	148,526	-	-	-	-	-	\$ 148,526
Replace/repair Baler Fencing (loan portion)	0	1 Enterprise Fund	-	-	15,450	-	-	-	-	-	-	\$ 15,450
Replace/repair Baler Fencing (grant portion)	0	2 Grants/Developer Donation	-	-	36,050	-	-	-	-	-	-	\$ 36,050
Roof Replacement (loan portion)	0	1 Enterprise Fund	-	-	-	-	-	67,531	-	-	-	\$ 67,531
Roof Replacement (grant portion)	0	2 Grants/Developer Donation	-	-	-	-	-	157,571	-	-	-	\$ 157,571
Baler Control System Upgrade and Bale Ram	0	1 Enterprise Fund	-	-	-	-	-	-	-	69,556	-	\$ 69,556
Baler Control System Upgrade and Bale Ram	0	2 Grants/Developer Donation	-	-	-	-	-	-	-	162,298	-	\$ 162,298
0	0	0 Select Source	-	-	-	-	-	-	-	-	-	\$ -
0	0	0 Select Source	-	-	-	-	-	-	-	-	-	\$ -
0	0	0 Select Source	-	-	-	-	-	-	-	-	-	\$ -
<b>Total Scheduled Capital Projects</b>			<b>\$ 12,500</b>	<b>\$ 45,000</b>	<b>\$ 257,500</b>	<b>\$ 212,180</b>	<b>\$ 163,909</b>	<b>\$ 225,102</b>	<b>\$ 231,855</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,148,046</b>
<b>Total Grants/Developer Donations</b>			-	-	180,250	148,526	114,736	157,571	162,298	-	-	

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Capital Funding Analysis**

<b>Summary of Expenditures</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>TOTAL CAPITAL EXPENDITURES</b>	<b>\$</b>	<b>12,500</b>	<b>\$ 45,000</b>	<b>\$ 257,500</b>	<b>\$ 212,180</b>	<b>\$ 163,909</b>	<b>\$ 225,102</b>	<b>\$ 231,855</b>	<b>\$ -</b>

<b>Capital Financing Plan</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Project Specific Grants / Developer Donations	\$	-	\$ -	\$ 180,250	\$ 148,526	\$ 114,736	\$ 157,571	\$ 162,298	\$ -
Project to be Funded		12,500	45,000	77,250	63,654	49,173	67,531	69,556	-
<b>OTHER FUNDING SOURCES</b>									
Other Outside Sources									
Capital Fund Balance		-	45,000	77,250	63,654	49,173	67,531	69,556	-
ADEC & Other Loans [NOTE A]		-	-	-	-	-	-	-	-
Alaska Municipal Bond Bank Revenue Bonds									
Rates		12,500	-	-	-	-	-	-	-
Total	\$	12,500	\$ 45,000	\$ 77,250	\$ 63,654	\$ 49,173	\$ 67,531	\$ 69,556	\$ -
<b>TOTAL CAPITAL RESOURCES</b>	<b>\$</b>	<b>12,500</b>	<b>\$ 45,000</b>	<b>\$ 257,500</b>	<b>\$ 212,180</b>	<b>\$ 163,909</b>	<b>\$ 225,102</b>	<b>\$ 231,855</b>	<b>\$ -</b>
<i>Info: Capital Contingency Deficit</i>		-	-	-	-	-	-	-	-

**NOTE A: USER INPUT FOR ADEC & OTHER LOANS**

Select Amount of Loan Proceeds:

	<b>1</b>	<b>2</b>						
	<b>Input</b>	<b>Calculated</b>						
1 - Amounts at Right ==>	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2 - Calculated by the Model

<b>New Debt Computations</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>REVENUE BONDS</b>									
Amount to Fund	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Issuance Costs		-	-	-	-	-	-	-	-
Reserve Required		-	-	-	-	-	-	-	-
Amount of Debt Issue	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>ADEC &amp; OTHER LOANS</b>									
Amount to Fund	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Issuance Costs		-	-	-	-	-	-	-	-
Amount of Debt Issue	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Capital Funding Analysis**

<b>Debt Service Summary</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>EXISTING DEBT SERVICE</b>									
Annual Interest Payments	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Principal Payments		-	-	-	-	-	-	-	-
Total Debt Service Payments	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Bond Payments Only		-	-	-	-	-	-	-	-
<b>NEW DEBT SERVICE</b>									
Annual Interest Payments	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Principal Payments		-	-	-	-	-	-	-	-
Total Debt Service Payments	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Bond Payments Only		-	-	-	-	-	-	-	-
<b>TOTAL DEBT SERVICE PAYMENTS</b>	<b>\$</b>	<b>-</b>	<b>\$ -</b>						
Total Interest Payments		-	-	-	-	-	-	-	-
Total Principal Payments		-	-	-	-	-	-	-	-
Total Revenue Bond Payments Only		-	-	-	-	-	-	-	-

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Revenue Requirements Analysis**

<b>Cash Flow Sufficiency Test</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>EXPENSES</b>									
Cash Operating Expenses	\$	1,038,841	\$ 1,073,694	\$ 1,101,885	\$ 1,130,827	\$ 1,160,542	\$ 1,191,050	\$ 1,222,374	\$ 1,254,534
Existing Debt Service		-	-	-	-	-	-	-	-
New Debt Service		-	-	-	-	-	-	-	-
Rate-Funded CIP		12,500	-	-	-	-	-	-	-
Rate Funded System Reinvestment		-	-	-	-	-	-	-	-
Additions to Operating Reserve		-	-	-	-	-	-	-	-
<b>Total Expenses</b>	<b>\$</b>	<b>1,051,341</b>	<b>\$ 1,073,694</b>	<b>\$ 1,101,885</b>	<b>\$ 1,130,827</b>	<b>\$ 1,160,542</b>	<b>\$ 1,191,050</b>	<b>\$ 1,222,374</b>	<b>\$ 1,254,534</b>
<b>REVENUES</b>									
Rate Revenue	\$	1,090,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000
Other Revenue		5,500	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Operating Fund Interest Earnings		4,315	1,281	1,324	1,358	1,394	1,431	1,468	1,507
<b>Total Revenue</b>	<b>\$</b>	<b>1,099,815</b>	<b>\$ 1,096,281</b>	<b>\$ 1,096,324</b>	<b>\$ 1,096,358</b>	<b>\$ 1,096,394</b>	<b>\$ 1,096,431</b>	<b>\$ 1,096,468</b>	<b>\$ 1,096,507</b>
<b>NET CASH FLOW (DEFICIENCY) - Current Rate Levels</b>	<b>\$</b>	<b>48,474</b>	<b>\$ 22,587</b>	<b>\$ (5,561)</b>	<b>\$ (34,469)</b>	<b>\$ (64,148)</b>	<b>\$ (94,620)</b>	<b>\$ (125,905)</b>	<b>\$ (158,027)</b>

<b>Coverage Sufficiency Test</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>EXPENSES</b>									
Cash Operating Expenses	\$	1,038,841	\$ 1,073,694	\$ 1,101,885	\$ 1,130,827	\$ 1,160,542	\$ 1,191,050	\$ 1,222,374	\$ 1,254,534
Revenue Bond Debt Service		-	-	-	-	-	-	-	-
Revenue Bond Coverage Requirement at 1.25		-	-	-	-	-	-	-	-
<b>Total Expenses</b>	<b>\$</b>	<b>1,038,841</b>	<b>\$ 1,073,694</b>	<b>\$ 1,101,885</b>	<b>\$ 1,130,827</b>	<b>\$ 1,160,542</b>	<b>\$ 1,191,050</b>	<b>\$ 1,222,374</b>	<b>\$ 1,254,534</b>
<b>ALLOWABLE REVENUES</b>									
Rate Revenue	\$	1,090,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000
Other Allowable Revenue		5,500	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Interest Earnings - All Funds		4,315	4,799	4,827	4,473	4,187	3,976	3,509	2,944
<b>Total Revenue</b>	<b>\$</b>	<b>1,099,815</b>	<b>\$ 1,099,799</b>	<b>\$ 1,099,827</b>	<b>\$ 1,099,473</b>	<b>\$ 1,099,187</b>	<b>\$ 1,098,976</b>	<b>\$ 1,098,509</b>	<b>\$ 1,097,944</b>
Coverage Realized		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>COVERAGE SURPLUS (DEFICIENCY) - Current Rate Levels</b>	<b>\$</b>	<b>60,974</b>	<b>\$ 26,105</b>	<b>\$ (2,057)</b>	<b>\$ (31,354)</b>	<b>\$ (61,355)</b>	<b>\$ (92,074)</b>	<b>\$ (123,865)</b>	<b>\$ (156,591)</b>

<b>Maximum Revenue Deficiency</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Sufficiency Test Driving the Deficiency		None	None	Cash	Cash	Cash	Cash	Cash	Cash
Maximum Deficiency From Tests	\$	-	\$ -	\$ 5,561	\$ 34,469	\$ 64,148	\$ 94,620	\$ 125,905	\$ 158,027
less: Net Revenue From Prior Rate Increases			-	(21,700)	(43,834)	(66,411)	(89,439)	(112,928)	(136,886)
Revenue Deficiency	\$	-	\$ -	\$ -	\$ -	\$ -	\$ 5,181	\$ 12,978	\$ 21,141
<b>Total Revenue Deficiency</b>	<b>\$</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,181</b>	<b>\$ 12,978</b>	<b>\$ 21,141</b>

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Revenue Requirements Analysis**

<b>Rate Increases</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Rate Revenue with no Increase	\$	1,090,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000	\$ 1,085,000
Revenues from Prior Rate Increases		-	-	21,700	43,834	66,411	89,439	112,928	136,886
Rate Revenue Before Rate Increase (Incl. previous increases)		1,090,000	1,085,000	1,106,700	1,128,834	1,151,411	1,174,439	1,197,928	1,221,886
Required Annual Rate Increase		0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	1.08%	1.73%
Number of Months New Rates Will Be In Effect		12	12	12	12	12	12	12	12
Info: Percentage Increase to Generate Required Revenue		0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	1.08%	1.73%
<b>Policy Induced Rate Increases</b>		<b>0.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>
<b>ANNUAL RATE INCREASE</b>		<b>0.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>	<b>2.00%</b>
<b>CUMULATIVE RATE INCREASE</b>		<b>0.00%</b>	<b>2.00%</b>	<b>4.04%</b>	<b>6.12%</b>	<b>8.24%</b>	<b>10.41%</b>	<b>12.62%</b>	<b>14.87%</b>

Sample Residential Bill [a]	\$26.56	\$27.09	\$27.63	\$28.19	\$28.75	\$29.32	\$29.91	\$30.51
[a] 32 gallon container, 1 pick-up per week								

<b>Impacts of Rate Increases</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Rate Revenues After Rate Increase	\$	1,090,000	\$ 1,106,700	\$ 1,128,834	\$ 1,151,411	\$ 1,174,439	\$ 1,197,928	\$ 1,221,886	\$ 1,246,324
Full Year Rate Revenues After Rate Increase		1,090,000	1,106,700	1,128,834	1,151,411	1,174,439	1,197,928	1,221,886	1,246,324
Net Cash Flow After Rate Increase		48,474	44,287	38,273	31,942	25,291	18,308	10,981	3,297
Coverage After Rate Increase		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Minimum Coverage for New Bond Issuances		1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>Projected Rate Revenues w/o Any Rate Increase</b>	<b>\$ 1,090,000</b>	<b>\$ 1,085,000</b>						
Additional Revenues From 2012 Rate Increase	-	-	-	-	-	-	-	-
Additional Revenues From 2013 Rate Increase		21,700	21,700	21,700	21,700	21,700	21,700	21,700
Additional Revenues From 2014 Rate Increase			22,134	22,134	22,134	22,134	22,134	22,134
Additional Revenues From 2015 Rate Increase				22,577	22,577	22,577	22,577	22,577
Additional Revenues From 2016 Rate Increase					23,028	23,028	23,028	23,028
Additional Revenues From 2017 Rate Increase						23,489	23,489	23,489
Additional Revenues From 2018 Rate Increase							23,959	23,959
Additional Revenues From 2019 Rate Increase								24,438
<b>Total Additional Revenues From Rate Increases</b>	<b>\$ -</b>	<b>\$ 21,700</b>	<b>\$ 43,834</b>	<b>\$ 66,411</b>	<b>\$ 89,439</b>	<b>\$ 112,928</b>	<b>\$ 136,886</b>	<b>\$ 161,324</b>
<b>EFFECTIVE RATE REVENUES AFTER RATE INCREASE</b>	<b>\$ 1,090,000</b>	<b>\$ 1,106,700</b>	<b>\$ 1,128,834</b>	<b>\$ 1,151,411</b>	<b>\$ 1,174,439</b>	<b>\$ 1,197,928</b>	<b>\$ 1,221,886</b>	<b>\$ 1,246,324</b>
Adjustment for Partial Year Increase	-	-	-	-	-	-	-	-

**City of Petersburg, Alaska**  
**Sanitation Utility**  
**Fund Activity**

<b>SANITATION FUND 440</b>	<b>FYE</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>OPERATING RESERVES</b>									
Beginning Balance [a]	\$	431,464	\$ 128,076	\$ 132,373	\$ 135,849	\$ 139,417	\$ 143,081	\$ 146,842	\$ 150,704
plus: Net Cash Flow after Rate Increase		48,474	44,287	38,273	31,942	25,291	18,308	10,981	3,297
less: Transfer of Surplus to Capital Fund		(351,861)	(39,990)	(34,798)	(28,374)	(21,628)	(14,547)	(7,119)	-
Ending Balance	\$	128,076	\$ 132,373	\$ 135,849	\$ 139,417	\$ 143,081	\$ 146,842	\$ 150,704	\$ 154,000
<i>Minimum Target Balance</i>		128,076	132,373	135,849	139,417	143,081	146,842	150,704	154,669
<i>Maximum Funds to be Kept as Operating Reserves</i>		128,076	132,373	135,849	139,417	143,081	146,842	150,704	154,669
<i>Info: No of Days of Cash Operating Expenses</i>		45	45	45	45	45	45	45	45
<b>CAPITAL RESERVES</b>									
Beginning Balance [b]	\$	-	\$ 351,861	\$ 350,370	\$ 311,421	\$ 279,255	\$ 254,503	\$ 204,064	\$ 143,667
plus: Rate Funded System Reinvestment		-	-	-	-	-	-	-	-
plus: Grants / Developer Donations / Other Outside Sources		-	-	180,250	148,526	114,736	157,571	162,298	-
plus: Net Debt Proceeds Available for Projects		-	-	-	-	-	-	-	-
plus: Interest Earnings		-	3,519	3,504	3,114	2,793	2,545	2,041	1,437
plus: Transfer of Surplus from Operating Fund		351,861	39,990	34,798	28,374	21,628	14,547	7,119	-
plus: Direct Rate Funding		12,500	-	-	-	-	-	-	-
less: Capital Expenditures		(12,500)	(45,000)	(257,500)	(212,180)	(163,909)	(225,102)	(231,855)	-
Ending Balance	\$	351,861	\$ 350,370	\$ 311,421	\$ 279,255	\$ 254,503	\$ 204,064	\$ 143,667	\$ 145,104
<i>Minimum Target Balance</i>	\$	25,964	\$ 26,414	\$ 28,989	\$ 31,111	\$ 32,750	\$ 35,001	\$ 37,319	\$ 37,319
<b>DEBT RESERVE</b>									
Beginning Balance	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
plus: Reserve Funding from New Debt		-	-	-	-	-	-	-	-
Ending Balance	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Minimum Target Balance</i>		-	-	-	-	-	-	-	-

[a] Interfund Cash Balance from FYE 2011 Trial Balance (Fund 440)

[b] Cash & Investments for Fund 715