

Memorandum

Public Works Department



To: City Manager
Subject: Five Year Capital Improvement Plan
Date: February 8, 2012
Number: 2012-034

The draft Five Year Capital Improvement Plan (CIP) was reviewed by the City Council at a Study Session a few weeks ago. Based upon comments during the meeting and subsequent information developed in the operating budget process, the final version of the CIP has a few changes. The most significant are....

- **Allocation of Gaming and General Fund Carryover Funds** (pages 6-10)

The list of expenditures has been refined and more details have been added. The FY13 expenditures are included in the draft FY13 operating budget. The estimate of available funds for FY14 through FY17 has been increased from \$6,000,000 per year to \$6,500,000 per year based upon more current information.

The street construction portion (\$950,000) of the cost of increasing the scope of the 23rd Avenue Reconstruction (page 10, line 90) has been added to the FY14 Gaming Fund allocations. The FY14 allocation for contract street maintenance (page 8, line 58) was reduced by \$450,000 to offset part of the additional cost.

- **Utility Operating Cost Projections**

The financial projections for the water (page 27), sewer (page 32) and stormwater (page 37) utilities now incorporate the latest version of the draft operating budget.

- **23rd Avenue Reconstruction**

The limits of the 23rd Avenue reconstruction scheduled for FY14 have been extended. The project limits are now 12th Street to 17th Street (page 14, line 32).

This change is reflected on several other CIP pages including the Water Utility Projects (page 25, line 15) and the Sewer Utility Projects (page 31, line 6).

- **Water Meter Rehabilitation Program**

The draft CIP included a five year program (\$120,000 per year) for the rehabilitation of the City's 14,800 water meters beginning in FY14. This program was being recommended because the majority of the existing meters will exceed the 15-year accuracy warranty in 2013.

The staff has inspected and tested some existing meters and found no evidence of measuring chamber wear or loss of accuracy. Based upon that information, the program has been removed from the list of water projects. The staff will continue to monitor the condition of the existing meters and revisit the issue of a meter replacement program in the future.

- **Stormwater Utility Rate Recommendation**

Based upon updated operating expenditure estimates, the staff is recommending that the Stormwater Utility Rate increases be reduced from 3.0% per year to 2.0% per year (page 37).

RECOMMENDATION

The Public Works Department recommends that the City Council...

1. Approve the attached Five Year Capital Improvement Plan,
2. Approve the attached Allocation of Gaming and General Fund Carryover Funds,
3. Authorize the staff to implement the FY13 projects,
4. Authorize the staff to begin designing the FY14 projects,
5. Approve a 5.0% water rate increase effective on April 1, 2012 and a 5.0% water rate increase effective on January 1, 2013,
6. Approve a 2.0% sewer rate increase effective on April 1, 2012 and a 2.0% sewer rate increase effective on January 1, 2013,
7. Approve a 2.0% stormwater rate increase effective on April 1, 2012 and a 2.0% stormwater rate increase effective on January 1, 2013 and
8. Direct the City Attorney to prepare the required utility rate modification ordinances.

Submitted by: Robert T. Hawes, P.E., Assistant City Manager/Public Works Director

Capital Improvement Plan FY2013-2017

City of Rock Island

Public Works Department



Mill Street Wastewater Treatment Plant Expansion



**City of Rock Island, Illinois
Capital Improvement Plan (CIP)
FY13 through FY17**

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**City of Rock Island, Illinois
Capital Improvement Plan (CIP)
FY13 through FY17**

One of the City's most important and fundamental responsibilities is maintaining the integrity of its infrastructure. This is accomplished through preventative maintenance, repairs and capital improvements. The following documents reflect the planned investment of over \$108M in capital improvements in the next five years.

Gaming Revenues

The gaming expenditures assume that gaming will provide \$32M for capital improvements, contract maintenance and economic development activities in the next five years. About 72% (\$23.0M) of the anticipated revenue is tentatively allocated and the remainder (\$9.0M) will be earmarked in future editions of the CIP.

Street System

Street improvements continue to be an important component of the CIP. 17% (\$18.5M) of the CIP expenditures will be invested in the street system. The primary revenue sources for the street improvement projects are gaming revenue (\$9.7M), general obligation bonds retired through special assessment (\$2.8M) and state/federal grants (\$5.0M).

Miscellaneous Improvements

The improvements in this category represent investments in a wide range of public infrastructure such as sidewalks, buildings and economic development projects. The major projects in the CIP include...

- 50/50 Sidewalk, Curb and Tree Program (FY13 thru FY17; \$425,000)
- Ridgewood Road Sustainable Business Park (FY13; \$3,000,000)
- Transient Boat Dock (FY13; \$2,095,000)
- 11th Street Sidewalk Improvements (FY13; \$415,000)
- New Police Facility (FY16 and FY17; \$19,000,000)

Water Utility

The water utility has four long-range goals.

- ❑ **Production Quality** – The City will produce water that surpasses state and federal drinking water quality standards.
- ❑ **Production Quantity** – The City will produce enough water to satisfy all customer and fire protection needs.
- ❑ **Water Distribution Quantity and Reliability** – The City will dependably deliver water at pressures and volumes that allow all customers to utilize normal plumbing fixtures.
- ❑ **Fire Protection** – The City will deliver enough water to all neighborhoods to satisfy the capabilities of modern fire suppression equipment.

The first two goals are being satisfied. The last two are not being met at this time, but progress is being made. The progress will continue through completion of the projects identified in the CIP.

Water Tower Investments (\$1.6M)

In addition to watermain replacements, the City must continue to maintain its six water towers. One (38th Street/30th Avenue) was rehabilitated in 2007 and all the others were inspected. The inspections concluded that the 1914 vintage tower at the intersection of 14th Street with 42nd Avenue had exceeded its useful life and the other four towers needed to be scheduled for rehabilitation. The 14th Street water tower was replaced in 2011 and the CIP includes the rehabilitation of the other four towers.

Water SCADA System Upgrade (\$250,000)

The Supervisory, Control and Data Acquisition (SCADA) System at the water treatment plant will be upgraded to incorporate real-time distribution system monitoring. This will enhance the capability of the water system staff to manage water quality in the distribution system and track distribution system problems. The improvements include the construction of multiple remote water distribution system monitoring stations and SCADA System software upgrades.

Water Filter Evaluation (\$75,000)

All major components of the water treatment plant were reconstructed in 1999 except the filters. The plant currently uses sixteen filters as the final stage of water treatment. The oldest ten filters were constructed in 1911 and the last six filters were added in 1951. The technology employed in the existing filters is outdated and may not be able to meet increasingly stringent water quality standards in the near future. The CIP includes a water filter system evaluation to determine the future viability of the current system.

Watermain Replacements Coordinated with Street Improvements (\$1.5M)

Deteriorated and inadequate watermains are being replaced as part of street improvement projects. This is a very effective use of resources because the water utility avoids most of the costs of pavement patching when the underground work is coordinated with the pavement improvements.

Targeted Watermain Replacements (\$2.9M)

This category includes projects that relieve neighborhood water system reliability and flow quantity deficiencies through the systematic replacement of undersized and deteriorated watermains.

According to the City Financial Policies,

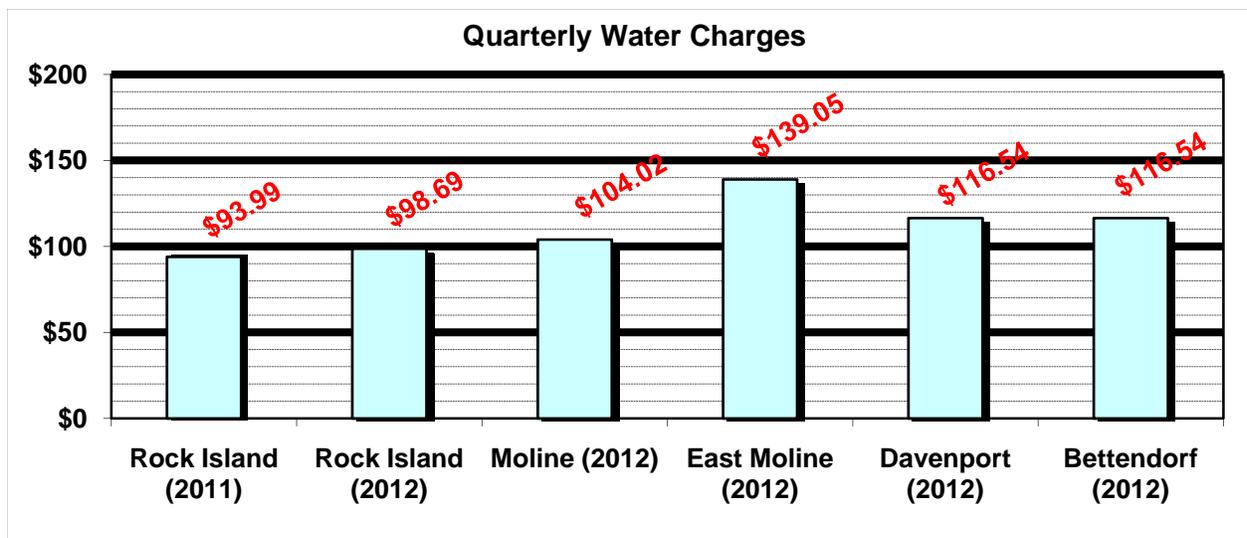
“business-type activities are intended to be self-supportive through fees and charges set to recover all operating and capital costs including depreciation and debt service. The city will set fees and user charges for the water, wastewater, stormwater and Sunset Marina enterprise funds at a level that fully supports the total direct and indirect costs of the activities. Indirect costs include the

replacement of the capital assets of the fund. It is the goal of the City of Rock Island to set rates for enterprise operations at a level that will result in positive changes in net assets and provide positive unrestricted net assets each year."

The enterprise funds also follow a cash balance policy (year-end cash balance = 90 days of operating expenditures) similar to the General Fund.

The City Council adopted water rate increases about two years ago that became effective on January 1, 2010 (5%) and January 1, 2011 (5%). As illustrated by the Water Utility Projections on page 27, water rates will need to continue increasing at the rate of 5.0% per year in order to finance the recommended water system capital improvements, continue current operations and satisfy the financial policies.

The graph shows the estimated quarterly costs for water for "average" (6,000 gallons per month) residential customers in the Quad Cities.



Sewer Utility

Some old sewers retain enough structural capacity and shape to be rehabilitated by the insertion of a structural liner. This can be a very cost effective alternative because it avoids the need for open excavation and the resulting street restoration costs. The process also progresses with far less inconvenience for sewer customers. The operating budget for the Sewer Fund includes \$295,000 per year for the annual sewer lining program. The locations are determined based upon sewer maintenance and inspection records.

The CIP includes projects in three general categories.

Long Term Control Plan (\$54.5M)

The federally mandated Combined Sewer Long Term Control Plan (LTCP) continues to dominate the sewer chapter of the CIP. The LTCP has been underway for the past several years and, by the time all the construction is completed in 2018, the City will have invested over \$70M. The CIP assumes that the majority of the money needed for these improvements will be secured through long term, low interest loans from the State of Illinois.

The largest project required by the LTCP is the expansion of the wet weather treatment capacity of the Mill Street Sewage Treatment Plant. The maximum treatment capacity of the plant is currently 16 million gallons per day. After its expansion, the plant will be capable of treating 106 million gallons per day. The project construction began in September 2011 and it will be completed in early 2014.

Sewer Improvements Coordinated with Street Construction (\$217,000)

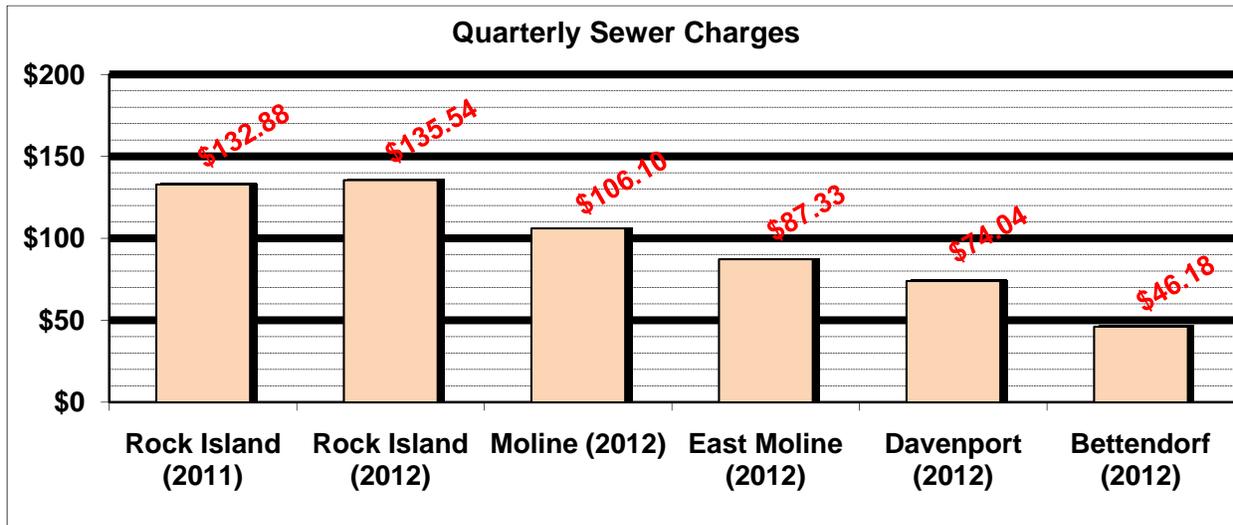
Deteriorated sewers are being replaced as part of street improvement projects. This is a very effective use of resources, because the sewer utility avoids most or all the costs of pavement patching when the underground work is coordinated with the pavement improvements.

Targeted Sewer Replacements (\$2.2M)

Some old sewers have deteriorated too badly to be rehabilitated or they are undersized. In these cases, the pipes must be replaced. The CIP includes four projects in this category.

The City Council adopted sewer rate increases about two years ago that became effective on January 1, 2010 (10%) and January 1, 2011 (10%). As illustrated by the Sewer Utility Projections on page 32, sewer rates will need to increase at the rate of 2.0% per year in order to finance the recommended sewer system capital improvements, continue current operations and satisfy the financial policies.

The graph shows the estimated quarterly costs for sewer for “average” (6,000 gallons per month) residential customers in the Quad Cities.



Stormwater Utility

One of the primary reasons for the stormwater utility was to create a dedicated revenue source to fund a proactive approach to stormwater management. The CIP includes \$850,000 to

address storm sewer system problems that are beyond the capability of the in-house work crews.

The City Council adopted stormwater rate increases about two years ago that became effective on January 1, 2010 (3%) and January 1, 2011 (3%). As illustrated by the Stormwater Utility Summary on page 37, sewer rates will need to increase at the rate of 2.0% per year in order to finance the recommended stormwater system capital improvements, continue current operations and satisfy the financial policies.

The table shows the estimated quarterly costs for stormwater for an “average” residential property in the Quad Cities.

Rock Island (2011)	\$11.85
Rock Island (2012)	\$12.09
Moline (2012)	\$11.25
East Moline (2012)	\$6.96
Davenport (2012)	\$6.30
Bettendorf (2012)	\$6.00

If you have questions or comments about this information, please contact....

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Allocation of Gaming and General Fund Carryover Funds

Expenditures		Gaming Fund Allocations						FY11 General Fund Carryover for FY13 Projects
		FY13	FY14	FY15	FY16	FY17	Total	
1	City Marketing Program	\$ 129,500					\$ 129,500	
2	Memberships & Contributions	\$ 251,245					\$ 251,245	
3	Advance Technology & Sustainability Coalition	\$ 3,000						
4	Chamber of Commerce	\$ 20,000						
5	Development Association of Rock Island (DARI)	\$ 135,000						
6	Keep Rock Island Beautiful	\$ 18,500						
7	Labor Day Parade	\$ 9,000						
8	QC First	\$ 48,000						
9	Rock Island Arsenal Lobbying	\$ 10,000						
10	River Action	\$ 7,745						
11	District Events Management	\$ 20,000					\$ 20,000	
12	CED Rebates	\$ 255,000					\$ 255,000	
13	College Hill District Plan Implementation	\$ 25,000					\$ 25,000	
14	Social Service Organizations	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	
15	Alternatives for the Older Adult	\$ 1,500						
16	American Red Cross	\$ 2,000						
17	Big Brothers Big Sisters	\$ 3,000						
18	Boys and Girls Club	\$ 3,000						
19	Broadway Presbyterian Church	\$ 2,500						
20	Christian Care	\$ 1,500						

Allocation of Gaming and General Fund Carryover Funds

Expenditures		Gaming Fund Allocations						FY11 General Fund Carryover for FY13 Projects
		FY13	FY14	FY15	FY16	FY17	Total	
21	Church of Peace Outreach Program	\$ 3,000						
22	Community Health Care, Inc.	\$ 1,500						
23	Family Resources, Inc.	\$ 2,000						
24	Figge Art Museum	\$ 4,610						
25	Girls Scouts	\$ 3,000						
26	Broadway Church / Greenbush Neighbors	\$ 1,500						
27	Humility of Mary Housing, Inc.	\$ 1,000						
28	Humility of Mary Shelter, Inc.	\$ 1,000						
29	Marriage & Family Counseling Service	\$ 1,890						
30	Project NOW, Inc.	\$ 4,000						
31	Quad Citians Affirming Diversity	\$ 1,500						
32	RIHS Special Education Department	\$ 1,500						
33	SAL Family & Community Services	\$ 1,000						
34	Spring Forward Learning Center	\$ 3,000						
35	The Salvation Army	\$ 2,500						
36	Transitions Mental Health	\$ 1,500						
37	WVIK Augustana Public Radio	\$ 2,000						
38	Façade Improvement Program		\$ 150,000				\$ 150,000	
39	Arsenal Gateway/Central City Neighborhood Study		\$ 10,000				\$ 10,000	
40	Small Business Assistance Center		\$ 50,000				\$ 50,000	

Allocation of Gaming and General Fund Carryover Funds

Expenditures		Gaming Fund Allocations						FY11 General Fund Carryover for FY13 Projects
		FY13	FY14	FY15	FY16	FY17	Total	
61	pcc patching	\$ 602,000						
62	brick street	\$ 80,000						
63	asphalt	\$ 187,265						
64	temp employees - streets	\$ 49,067						
65	sealcoating	\$ 29,500						
66	long line painting	\$ 66,330						
67	ditch cleaning	\$ 33,000						
68	temp employees - ROW	\$ 28,038						
69	weed spraying	\$ 5,000						
70	Special Assessment Street Resurfacings		\$ 570,000				\$ 570,000	
71	35 St Resurfacing, 14 - 18 Av	\$ 190,000						
72	35 St Resurfacing, 14 - 18 Av							
73	42 St Resurfacing, S. of 29 Av	\$ 190,000						
74	42 St Resurfacing, S. of 29 Av							
75	44 St Resurfacing, S. of 29 Av	\$ 190,000						
76	44 St Resurfacing, S. of 29 Av							
77	Special Assessment Program debt service		\$ 401,000	\$ 401,000	\$ 401,000	\$ 401,000	\$ 401,000	\$ 2,005,000
78	5 St Resurfacing, 18 - 25 Av		\$ 325,000				\$ 325,000	\$ 120,000
79	50/50 Sidewalk, Curb, & Tree Replacement Program		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
80	1 Av Extension (Columbia Park)		\$ 150,000				\$ 150,000	

Allocation of Gaming and General Fund Carryover Funds

Expenditures		Gaming Fund Allocations						FY11 General Fund Carryover for FY13 Projects
		FY13	FY14	FY15	FY16	FY17	Total	
81	24th Street Resurfacing, 5th - 9th Avenue	\$ 1,000,000					\$ 1,000,000	
82	Southwest Business Park Street Improvements	\$ 230,000					\$ 230,000	
83	13th Avenue Reconstruction, 1st – 2nd St.	\$ 153,000					\$ 153,000	
84	Longview Park / 17th St. Hill Stabilization (engineering)							\$ 14,000
85	11th St. Sidewalk Improvements, 25th - 42nd Ave.							\$ 415,000
86	Contract Duncan Parking System	\$ 19,530					\$ 19,530	
87	Contract Tree Removal	\$ 55,000					\$ 55,000	
88	9th Street Resurfacing, 31st Avenue to Blackhawk Road		\$ 2,200,000				\$ 2,200,000	
89	special assessment street resurfacings (37th Ave, 30-34; 34th St, 35-38; 20th Ave, 32-34)		\$ 600,000				\$ 600,000	
90	23rd Avenue Reconstruction, 12th to 17th Street		\$ 950,000				\$ 950,000	
91	special assessment street resurfacings (8th Ave, 42-46; 9th Ave, 44 1/2 - 46)			\$ 600,000			\$ 600,000	
92	7th Avenue Resurfacing, 30th to 38th Street			\$ 300,000			\$ 300,000	
93	18th Avenue Resurfacing, 17th Street to Moline				\$ 700,000		\$ 700,000	
94	special assessment street resurfacings (20th Ave 27-30; 29th Ave, 27-29)				\$ 600,000		\$ 600,000	
95	Police Department facility replacement					\$ 1,100,000	\$ 1,100,000	
96	special assessment street resurfacings (Shadybrook Addition, Phase 1)					\$ 600,000	\$ 600,000	
97	38th Street Resurfacing, 7th to 18th Avenue					\$ 550,000	\$ 550,000	
98	total	\$ 6,000,000	\$ 5,674,575	\$ 3,177,750	\$ 3,579,250	\$ 4,535,575	\$ 22,967,150	\$ 830,000
99	available funds	\$ 6,000,000	\$ 6,500,000	\$ 6,500,000	\$ 6,500,000	\$ 6,500,000	\$ 32,000,000	\$ 830,000
100	unobligated funds	\$ -	\$ 825,425	\$ 3,322,250	\$ 2,920,750	\$ 1,964,425	\$ 9,032,850	\$ -

Five Year Capital Improvement Plan Summary

		FY13	FY14	FY15	FY16	FY17	Total
1	Expenditures						
2	Street and Miscellaneous Improvements	Street \$ 4,050,075	\$ 4,329,000	\$ 1,671,000	\$ 4,608,000	\$ 3,805,000	\$ 18,463,075
3		Miscellaneous \$ 6,698,040	\$ 85,000	\$ 85,000	\$ 4,500,000	\$ 14,500,000	\$ 25,868,040
4	Water System Improvements	\$ 1,666,000	\$ 1,022,000	\$ 1,065,000	\$ 1,252,000	\$ 1,460,000	\$ 6,465,000
5	Sewer System Improvements	\$ 19,733,000	\$ 24,419,000	\$ 6,799,000	\$ 2,096,000	\$ 3,860,000	\$ 56,907,000
6	Stormwater System Improvements	\$ 150,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000	\$ 850,000
7	Total Expenditures	\$ 32,297,115	\$ 30,005,000	\$ 9,770,000	\$ 12,656,000	\$ 23,825,000	\$ 108,553,115
8	Revenue						
9	Government Grants						
10	Street and Miscellaneous Improvements	\$ 3,852,240			\$ 2,800,000	\$ 2,200,000	\$ 8,852,240
11	Contributions						
12	Street and Miscellaneous Improvements	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 175,000
13	General Obligation Bonds						
14	Street and Miscellaneous Improvements	\$ 2,125,000	\$ 579,000	\$ 771,000	\$ 16,423,000	\$ 370,000	\$ 20,268,000
15	Downtown Tax Increment District						
16	Street and Miscellaneous Improvements	\$ 1,175,000			\$ 3,000,000		\$ 4,175,000
17	City Gaming Tax						
18	Street and Miscellaneous Improvements	\$ 2,368,000	\$ 3,800,000	\$ 950,000	\$ 1,350,000	\$ 1,200,000	\$ 9,668,000
19	General Fund Carryover from FY11						
20	Street and Miscellaneous Improvements	\$ 763,800					\$ 763,800

Five Year Capital Improvement Plan Summary

		FY13	FY14	FY15	FY16	FY17	Total
21	Water Utility Charges						
22	Water System Improvements	\$ 1,666,000	\$ 1,022,000	\$ 1,065,000	\$ 1,252,000	\$ 1,460,000	\$ 6,465,000
23	Illinois Revolving Loan Fund						
24	Sewer System Improvements	\$ 18,483,000	\$ 22,961,000	\$ 5,292,000			\$ 46,736,000
25	Sewer Use Charges						
26	Sewer System Improvements	\$ 1,250,000	\$ 1,458,000	\$ 1,507,000	\$ 2,096,000	\$ 3,860,000	\$ 10,171,000
27	Stormwater Charges						
28	Stormwater System Improvements	\$ 150,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000	\$ 850,000
29	Total Revenue	\$ 31,868,040	\$ 30,005,000	\$ 9,770,000	\$ 27,156,000	\$ 9,325,000	\$ 108,124,040

30

31 The difference between total expenditures and total revenue reflects the cash on hand.

Street and Miscellaneous Capital Improvements

	FY13	FY14	FY15	FY16	FY17	Totals
1 Expenditures						
2 Arterial, Collector and Downtown Streets						
3 24th Street Resurfacing, 5th to 9th Avenue	\$ 1,000,000					\$ 1,000,000
4 <div style="border: 1px solid black; padding: 2px;">The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. All costs will be paid by city gaming tax revenue.</div>						
6 5th Street Resurfacing, 18th to 25th Avenue	\$ 445,000					\$ 445,000
8 <div style="border: 1px solid black; padding: 2px;">The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. All costs will be paid by city gaming tax revenue.</div>						
10 9th Street Resurfacing, 31st Avenue to Blackhawk Rd		\$ 2,200,000				\$ 2,200,000
12 <div style="border: 1px solid black; padding: 2px;">The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. All costs will be paid by city gaming tax revenue.</div>						
14 7th Avenue Resurfacing, 30th to 38th Street			\$ 300,000			\$ 300,000
16 <div style="border: 1px solid black; padding: 2px;">The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. All costs will be paid by city gaming tax revenue.</div>						
18						

Street and Miscellaneous Capital Improvements

	FY13	FY14	FY15	FY16	FY17	Totals
19 18th Avenue Resurfacing, 17th Street to Moline				\$ 3,500,000		\$ 3,500,000
20 The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. The street will be 21 reconfigured to provide one lane in each direction and a bidirectional left-turn lane. The costs are expected to be paid by a federal grant (\$2,800,000) and city gaming tax revenue (\$700,000).						
22						
23 38th Street Resurfacing, 7th to 18th Avenue					\$ 2,750,000	\$ 2,750,000
24 The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. The costs are expected 25 to be paid by a federal grant (\$2,200,000) and city gaming tax revenue (\$550,000).						
26						
27 Local Streets - Special Assessments Financed with General Obligation Bonds and Gaming Funds (FY14 only)						
28 The existing pavements will be removed and replaced. The city water, sewer and stormwater facilities will be evaluated and upgraded as needed. A portion of the 29 cost will be assessed to adjacent properties.						
30 44th Street Reconstruction, 41st Avenue to Blackhawk Road	\$ 430,000					\$ 430,000
31 37th Avenue Reconstruction east of 44th Street	\$ 195,000					\$ 195,000
32 23rd Avenue Reconstruction, 12th to 17th Street		\$ 1,529,000				\$ 1,529,000
33 23rd Street Reconstruction, 10th to 12th Avenue			\$ 771,000			\$ 771,000
34 22 1/2 Avenue Reconstruction east of 29th Street				\$ 210,000		\$ 210,000
35 26th Street Reconstruction north of 13th Avenue				\$ 213,000		\$ 213,000
36 45th Street Reconstruction, 23rd to 24th Avenue					\$ 130,000	\$ 130,000

Street and Miscellaneous Capital Improvements

	FY13	FY14	FY15	FY16	FY17	Totals
37 25th Street Reconstruction, 18th to 20th Avenue					\$ 240,000	\$ 240,000
38						

39 **Local Streets - Special Assessments Financed with City Gaming Tax Revenue**

40 The street pavements in this category are in significantly better condition than most of the projects included in the previous category. These projects involve
 41 minimal pavement removal and replacement and the addition of a new asphalt driving surface. As a result, the unit cost for these projects is much less than the
 42 costs of the projects in the previous section. A portion of the costs will be assessed to adjacent properties.

42 FY2013 Construction Program	\$ 570,000					\$ 570,000
43 35th Street, 14th to 18th Avenue						
44 42nd Street, 29th Avenue to Saukie Golf Course						
45 44th Street, 29th Avenue to Saukie Golf Course						
46 FY2014 Construction Program		\$ 600,000				\$ 600,000
47 37th Avenue, 30th to 34th Street						
48 34th Street, 35th to 38th Avenue						
49 20th Avenue, 32nd to 34th Street						

Street and Miscellaneous Capital Improvements

		FY13	FY14	FY15	FY16	FY17	Totals
50	FY2015 Construction Program			\$ 600,000			\$ 600,000
51	8th Avenue, 42nd to 46th Street						
52	9th Avenue, 44½ to 46th Street						
53	FY2016 Construction Program				\$ 600,000		\$ 600,000
54	20th Avenue, 27th to 30th Street						
55	29th Avenue, 27th to 29th Street						
56	FY2017 Construction Program					\$ 600,000	\$ 600,000
57	7th Street West, 79th to 84th Avenue West						
58	8th Street West, 79th to 84th Avenue West						
59	82nd Avenue West, 8th to 9th Street West						
60							
61	Special Projects						
62	50/50 Sidewalk, Curb and Tree Program	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000
63	Residents can replace deteriorated sidewalks or curbs and plant boulevard trees using this program. The resident pays one-half of the construction cost. The city pays the other one-half the construction cost plus all administrative costs from city gaming tax revenues.						
64							
65							

Street and Miscellaneous Capital Improvements

	FY13	FY14	FY15	FY16	FY17	Totals
66 Ridgewood Road Sustainable Business Park	\$ 3,000,000					\$ 3,000,000
67 The City will construct a sustainable business park (~30 acres) west of Ridgewood Road about 1,000 feet south of Andalusia Road. The infrastructure will include 68 watermain, sanitary sewers, storm sewers, streets and an engineered wetland. The park will be a model for the development of environmentally friendly commercial areas. One-half the costs are being paid by an Economic Development Administration grant. The other half will be financed by short term (5 years) general obligation bonds. The bonds will be repaid by City gaming tax revenue.						
69						
70 Transient Boat Dock	\$ 2,095,000					\$ 2,095,000
71 A transient boat dock will be added to Schwiebert Riverfront Park. The project costs will be paid by a \$1,500,000 Boating Infrastructure Grant and \$595,000 from 72 the Downtown Tax Increment District.						
73						
74 13th Avenue Reconstruction, 1st to 2nd Street	\$ 153,000					\$ 153,000
75 The existing pavement will be removed and replaced. The city water, sewer and stormwater facilities will be evaluated and upgraded as needed. The costs of the 76 project will be paid by City gaming tax revenue.						
77						
78 1st Avenue Extension (Columbia Park)	\$ 150,000					\$ 150,000
79 1st Avenue will be extended from the Sylvan Slough Naturalized Park into the Quad City Industrial Center to improve business access. The project costs will be 80 paid by City gaming tax revenue.						
81						

Street and Miscellaneous Capital Improvements

	FY13	FY14	FY15	FY16	FY17	Totals
82 Central Fire Station Energy Efficient Windows and Entryways (engineering only)	\$ 17,000					\$ 17,000
83 An engineering study will be conducted to determine if there is a cost-effective way to improve the energy efficiency of the Central Fire Station windows and entries. 84 If the study recommends building upgrades, it will be used to support energy grant applications to state/federal programs and private foundations. The costs of the study will be paid by City gaming tax revenue.						
85						
86 11th Street Sidewalk Improvements, 25th to 42nd Avenue	\$ 415,000					\$ 415,000
87 The Illinois Attorney General has ordered the City to upgrade the sidewalk along the west side of 11th Street between 25th and 42nd Avenue to comply with current 88 Americans with Disabilities Act standards. The work will involve sidewalk and curb ramp replacements and the elimination of sidewalk obstacles caused by fire hydrants, sign posts, street light poles and traffic signal light poles.						
89						
90 Longview Park/17th Street hillside stabilization (engineering only)	\$ 14,000					\$ 14,000
91 The Longview Park hillside along 17th Street is unstable. It has slumped onto 17th Street in the past and it is a threat to slide again during wet weather periods. An 92 engineering study will be conducted to determine if there is a cost-effective method of stabilizing the slope. The costs will be paid by City gaming tax revenue.						
93						
94 30/31 Branch Library lighting upgrade (engineering only)	\$ 4,000					\$ 4,000
95 An engineering study will be conducted to determine if there is a cost-effective way to improve the energy efficiency of the 30/31 Branch Library lighting system. If 96 the study recommends building upgrades, it will be used to support energy grant applications to state/federal programs and private foundations. The costs of the study will be paid by City gaming tax revenue.						
97						

Street and Miscellaneous Capital Improvements

		FY13	FY14	FY15	FY16	FY17	Totals
98	Police Facility Construction				\$ 4,500,000	\$ 14,500,000	\$ 19,000,000
99	The City will construct a new police facility at a location to be determined and renovate the existing police facility for use by other City departments. The Downtown Tax Increment District will provide funds (\$3,000,000) for property acquisition and environmental cleanup. The remainder of the costs will be financed by general obligation bonds. The bonds will be retired with City gaming tax revenue.						
100							
101							
102	New Expenditure Sub-Total	\$ 8,573,000	\$ 4,414,000	\$ 1,756,000	\$ 9,108,000	\$ 18,305,000	\$ 42,156,000
103	Carryover Projects						
104	3rd Avenue Recostruction, 24th to 25th Street	\$ 480,000					
105	15th Avenue Resurfacing, 33rd to 38th Street	\$ 276,000					
106	16th Avenue Resurfacing, 33rd to 38th Street	\$ 254,000					
107	20th Street Bicycle Path, 1st to 7th Avenue	\$ 97,000					
108	Crosstown Bicycle Path, phase 1	\$ 266,000					
109	Crosstown Bicycle Path, phase 2	\$ 570,000					
110	North/South Bicycle Path	\$ 220,040					
111	final payment for West Rock River Bridge to Illinois DOT	\$ 12,075					
112	Carryover Project Total	\$ 2,175,115	not applicable				
113	Total Expenditures	\$ 10,748,115	\$ 4,414,000	\$ 1,756,000	\$ 9,108,000	\$ 18,305,000	\$ 44,331,115
114							
115	Revenue						

Street and Miscellaneous Capital Improvements

	FY13	FY14	FY15	FY16	FY17	Totals
116	State and Federal Grants					
117	\$ 200,000					\$ 200,000
118	\$ 470,000					\$ 470,000
119	\$ 182,240					\$ 182,240
120	\$ 1,500,000					\$ 1,500,000
121	\$ 1,500,000					\$ 1,500,000
122				\$ 2,800,000		\$ 2,800,000
123					\$ 2,200,000	\$ 2,200,000
124	Contributions					
125	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 175,000
126	General Obligation Bonds					
127	\$ 430,000					\$ 430,000
128	\$ 195,000					\$ 195,000
129	\$ 1,500,000					\$ 1,500,000
130		\$ 579,000				\$ 579,000
131			\$ 771,000			\$ 771,000
132				\$ 210,000		\$ 210,000
133				\$ 213,000		\$ 213,000

Street and Miscellaneous Capital Improvements

		FY13	FY14	FY15	FY16	FY17	Totals
134	45th Street Reconstruction, 23rd to 24th Avenue					\$ 130,000	\$ 130,000
135	25th Street Reconstruction, 18th to 20th Avenue					\$ 240,000	\$ 240,000
136	Police Facility				\$ 16,000,000		\$ 16,000,000
137	Downtown Tax Increment District						
138	20th Street Bicycle Path, 1st to 7th Avenue (carryover project)	\$ 100,000					\$ 100,000
139	3rd Avenue Reconstruction, 24th to 25th Street (carryover project)	\$ 480,000					\$ 480,000
140	Transient Boat Dock	\$ 595,000					\$ 595,000
141	Police Facility				\$ 3,000,000		\$ 3,000,000
142	City Gaming Tax						
143	24th Street Resurfacing, 5th to 9th Avenue	\$ 1,000,000					\$ 1,000,000
144	5th Street Resurfacing, 18th to 25th Avenue	\$ 445,000					\$ 445,000
145	35th Street, 14th to 18th Avenue						
146	42nd Street, 29th Avenue to Saukie Golf Course	\$ 570,000					\$ 570,000
147	44th Street, 29th Avenue to Saukie Golf Course						
148	50/50 Sidewalk, Curb and Tree Program	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
149	13th Avenue Reconstruction, 1st to 2nd Street	\$ 153,000					\$ 153,000
150	1st Avenue Extension (Columbia Park)	\$ 150,000					\$ 150,000
151	9th Street Resurfacing, 31st Avenue to Blackhawk Rd		\$ 2,200,000				\$ 2,200,000

Street and Miscellaneous Capital Improvements

		FY13	FY14	FY15	FY16	FY17	Totals
152	23rd Avenue Reconstruction, 12th to 17th Street		\$ 950,000				\$ 950,000
153	37th Avenue, 30th to 34th Street						
154	34th Street, 35th to 38th Avenue		\$ 600,000				\$ 600,000
155	20th Avenue, 32nd to 34th Street						
156	7th Avenue Resurfacing, 30th to 38th Street			\$ 300,000			\$ 300,000
157	8th Avenue, 42nd to 46th Street			\$ 600,000			\$ 600,000
158	9th Avenue, 44½ to 46th Street						
159	18th Avenue Resurfacing, 17th Street to Moline				\$ 700,000		\$ 700,000
160	20th Avenue, 27th to 30th Street				\$ 600,000		\$ 600,000
161	29th Avenue, 27th to 29th Street						
162	38th Street Resurfacing, 7th to 18th Avenue					\$ 550,000	\$ 550,000
163	7th Street West, 79th to 84th Avenue West						
164	8th Street West, 79th to 84th Avenue West					\$ 600,000	\$ 600,000
165	82nd Avenue West, 8th to 9th Street West						

Street and Miscellaneous Capital Improvements

		FY13	FY14	FY15	FY16	FY17	Totals
166	General Fund Carryover from FY11						
167	Central Fire Station Energy Efficient Windows and Entryways (engineering only)	\$ 17,000					
168	11th Street Sidewalk Improvements, 25th to 42nd Avenue	\$ 415,000					
169	Longview Park/17th Street hillside stabilization (engineering only)	\$ 14,000					
170	30/31 Branch Library lighting upgrade (engineering only)	\$ 4,000					
171	New Revenue and General Fund Carryover	\$ 10,005,240	\$ 4,414,000	\$ 1,756,000	\$ 23,608,000	\$ 3,805,000	\$ 43,588,240
172	Carryover Gaming Revenue from FY12						
173	Crosstown Bicycle Path, Phase 1 (carryover project)	\$ 66,000					
174	Crosstown Bicycle Path, Phase 2 (carryover project)	\$ 100,000					
175	North/South Bicycle Path, 20th Street from 7th to 18th Avenue and 17th Street from 18th to 31st Avenue (carryover project)	\$ 37,800					
176	15th Avenue Resurfacing, 33rd to 38th Street	\$ 280,000					
177	16th Avenue Resurfacing, 33rd to 38th Street	\$ 280,000					
178	Carryover Gaming Revenue	\$ 763,800	\$ -	\$ -	\$ -	\$ -	\$ 763,800

Water Utility Projects

	FY13	FY14	FY15	FY16	FY17	Total
1 Water Tower Improvements						
2 Reservoir Tower Rehabilitation (500,000 gallons)	\$ 500,000					\$ 500,000
3 14th Avenue Tower Rehabilitation (500,000 gallons)		\$ 375,000				\$ 375,000
4 Ridgewood Road Tower Rehabilitation (250,000 gallons)			\$ 275,000			\$ 275,000
5 24th Street Water Tower Rehabilitation (500,000 gallons)				\$ 450,000		\$ 450,000
6 Raw Water Pumping Station tuckpointing			\$ 125,000			\$ 125,000
7 Water SCADA System Study and Upgrade						
8 Upgrade the existing SCADA (Supervisory, Control and Data Acquisition) System to provide real time distribution system monitoring	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
9 Water Filter Evaluation	\$ 75,000					\$ 75,000

Water Utility Projects

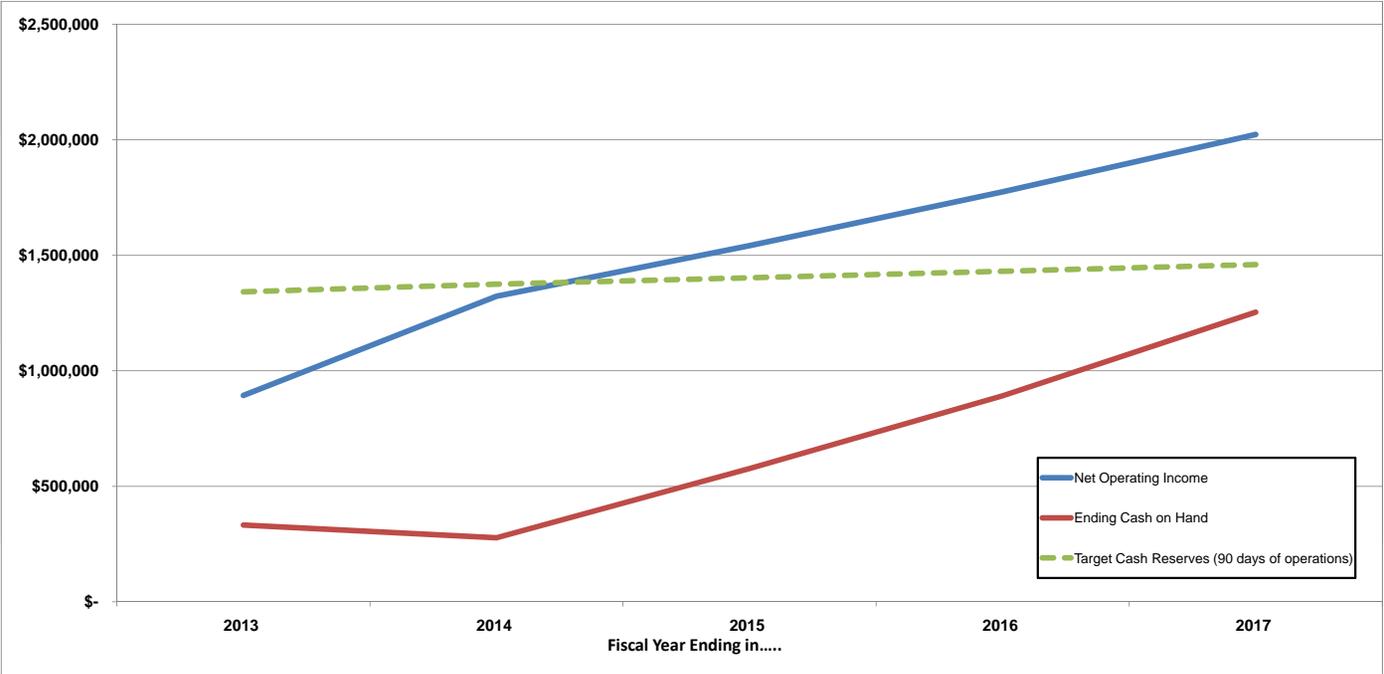
		FY13	FY14	FY15	FY16	FY17	Total
10	Watermains Under Street Program Projects						
11	Replace deteriorated and/or undersized watermains in conjunction with street improvements						
12	35th Street, 14th to 18th Avenue	\$ 330,000					\$ 330,000
13	42nd Street, 29th Avenue to Saukie Golf Course	\$ 126,000					\$ 126,000
14	24th Street, 5th to 9th Avenue	\$ 385,000					\$ 385,000
15	23rd Avenue, 12th to 17th Street		\$ 270,000				\$ 270,000
16	34th Street, 35th to 38th Avenue		\$ 12,000				\$ 12,000
17	8th Avenue, 42nd to 46th Street			\$ 121,000			\$ 121,000
18	9th Avenue, 44 1/2 to 46th Street			\$ 209,000			\$ 209,000
19	22 1/2 Avenue watermain east of 29th Street				\$ 47,000		\$ 47,000
20	26th Street watermain replacement north of 13th Avenue				\$ 5,000		\$ 5,000

Water Utility Projects

	FY13	FY14	FY15	FY16	FY17	Total
21 Watermain Replacement Program						
22 Neighborhood Water System Improvements						
23 12th Avenue between 20th and 23rd Street	\$ 200,000	\$ 125,000				\$ 325,000
24 23rd Street between 9th and 12th Avenue		\$ 190,000	\$ 195,000			\$ 385,000
25 24th Street south of 9th Avenue			\$ 90,000			\$ 90,000
26 21st Street between 9th and 12th Avenue				\$ 200,000	\$ 185,000	\$ 385,000
27 20th Street between 9th and 13th Avenue					\$ 425,000	\$ 425,000
28 11th Street between 25th and 31st Avenue, Phase 1				\$ 500,000		\$ 500,000
29 11th Street between 25th and 31st Avenue, Phase 2					\$ 550,000	\$ 550,000
30 Northwest Connection to Bowers French Farm addition					\$ 250,000	\$ 250,000
31	\$ 1,666,000	\$ 1,022,000	\$ 1,065,000	\$ 1,252,000	\$ 1,460,000	\$ 6,465,000

Water Utility Projections

Fiscal Year Ending	Rate Change	Capital Improvements	Ending Cash on Hand	Comments
2013	5.0%	\$ 1,666,000	\$ 332,340	
2014	5.0%	\$ 1,022,000	\$ 277,247	
2015	5.0%	\$ 1,065,000	\$ 577,010	
2016	5.0%	\$ 1,252,000	\$ 891,516	
2017	5.0%	\$ 1,460,000	\$ 1,253,952	
		\$ 6,465,000		



interest on cash	1.50%
inflation rate	2.00%

Water Utility Projections

		FY13	FY14	FY15	FY16	FY17
1	OPERATING REVENUES					
2	charges for service					
3	water charges	\$ 5,827,500	\$ 6,118,875	\$ 6,424,819	\$ 6,746,060	\$ 7,083,363
4	WSRP charges	\$ 190,000	\$ 199,500	\$ 209,475	\$ 219,949	\$ 230,946
5	misc service charges	\$ 650	\$ 650	\$ 650	\$ 650	\$ 650
6	other					
7	water tower rentals	\$ 310,000	\$ 319,300	\$ 328,879	\$ 338,745	\$ 348,908
8	Sewer Fund payment for meter services	\$ 145,000	\$ 149,350	\$ 153,831	\$ 158,445	\$ 163,199
9	misc non-operating	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
10	IRS interest rebate	\$ 29,134	\$ 28,765	\$ 28,319	\$ 27,772	\$ 27,225
11	total operating revenues	\$ 6,509,284	\$ 6,823,440	\$ 7,152,972	\$ 7,498,621	\$ 7,861,290
12	OPERATING EXPENSES					
13	personnel	\$ 2,107,721	\$ 2,149,875	\$ 2,192,873	\$ 2,236,730	\$ 2,281,465
14	supplies	\$ 870,666	\$ 888,079	\$ 905,841	\$ 923,958	\$ 942,437
15	services	\$ 981,208	\$ 1,027,941	\$ 1,048,500	\$ 1,069,470	\$ 1,090,859
16	other	\$ 8,030	\$ 8,191	\$ 8,354	\$ 8,522	\$ 8,692
17	transfer to General Fund for services	\$ 673,387	\$ 686,855	\$ 700,592	\$ 714,604	\$ 728,896
18	services (GIS)	\$ 39,386	\$ 40,174	\$ 40,977	\$ 41,797	\$ 42,633
19	discount for the Park and Recreation Department	\$ 25,000	\$ 26,250	\$ 27,563	\$ 28,941	\$ 30,388
20	repay General Fund for cash advance	\$ 250,000	\$ -	\$ -	\$ -	\$ -
21	depreciation	\$ 635,872	\$ 648,589	\$ 661,561	\$ 674,792	\$ 688,288
22	contingency	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
23	total operating expenses	\$ 5,616,270	\$ 5,500,954	\$ 5,611,261	\$ 5,723,813	\$ 5,838,658
24						
25	OPERATING INCOME (LOSS)	\$ 893,014	\$ 1,322,486	\$ 1,541,711	\$ 1,774,808	\$ 2,022,633

Water Utility Projections

	FY13	FY14	FY15	FY16	FY17	
26						
27	NONOPERATING REVENUES (EXPENSES)					
28	interest revenue (expenses) on investments	\$ 21,310	\$ 7,012	\$ 8,423	\$ 15,227	\$ 22,608
29	contributed capital	\$ -	\$ -	\$ -	\$ -	\$ -
30	interest expenses for bonds	\$ (168,984)	\$ (153,622)	\$ (137,908)	\$ (127,330)	\$ (111,118)
31	total nonoperating revenue (expenses)	\$ (147,674)	\$ (146,610)	\$ (129,485)	\$ (112,103)	\$ (88,510)
32	CHANGE IN NET ASSETS	\$ 745,341	\$ 1,175,876	\$ 1,412,226	\$ 1,662,705	\$ 1,934,123
1	CASH FLOWS FROM OPERATING ACTIVITIES					
2	cash received from customers	\$ 6,018,150	\$ 6,118,875	\$ 6,424,819	\$ 6,746,060	\$ 7,083,363
3	cash payments for goods and services	\$ (2,872,677)	\$ (2,702,490)	\$ (2,756,827)	\$ (2,812,290)	\$ (2,868,904)
4	cash payments to employees for services	\$ (2,107,721)	\$ (2,149,875)	\$ (2,192,873)	\$ (2,236,730)	\$ (2,281,465)
5	other operating revenue	\$ 491,134	\$ 505,065	\$ 518,678	\$ 532,613	\$ 546,982
6	NET CASH PROVIDED (USED) FOR OPERATIONS	\$ 1,528,886	\$ 1,771,575	\$ 1,993,797	\$ 2,229,652	\$ 2,479,975
7						
8	CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES					
9	capital improvements	\$ (1,666,000)	\$ (1,022,000)	\$ (1,065,000)	\$ (1,252,000)	\$ (1,460,000)
10	contributed capital	\$ -	\$ -	\$ -	\$ -	\$ -
11	proceeds for GO bond sale	\$ -	\$ -	\$ -	\$ -	\$ -
12	payment of general obligations bonds	\$ (648,058)	\$ (658,058)	\$ (499,550)	\$ (551,043)	\$ (569,028)
13	interest paid	\$ (168,984)	\$ (153,622)	\$ (137,908)	\$ (127,330)	\$ (111,118)
14	NET CASH PROVIDED (USED) FOR CAPITAL	\$ (2,483,042)	\$ (1,833,680)	\$ (1,702,458)	\$ (1,930,373)	\$ (2,140,146)
15						

Water Utility Projections

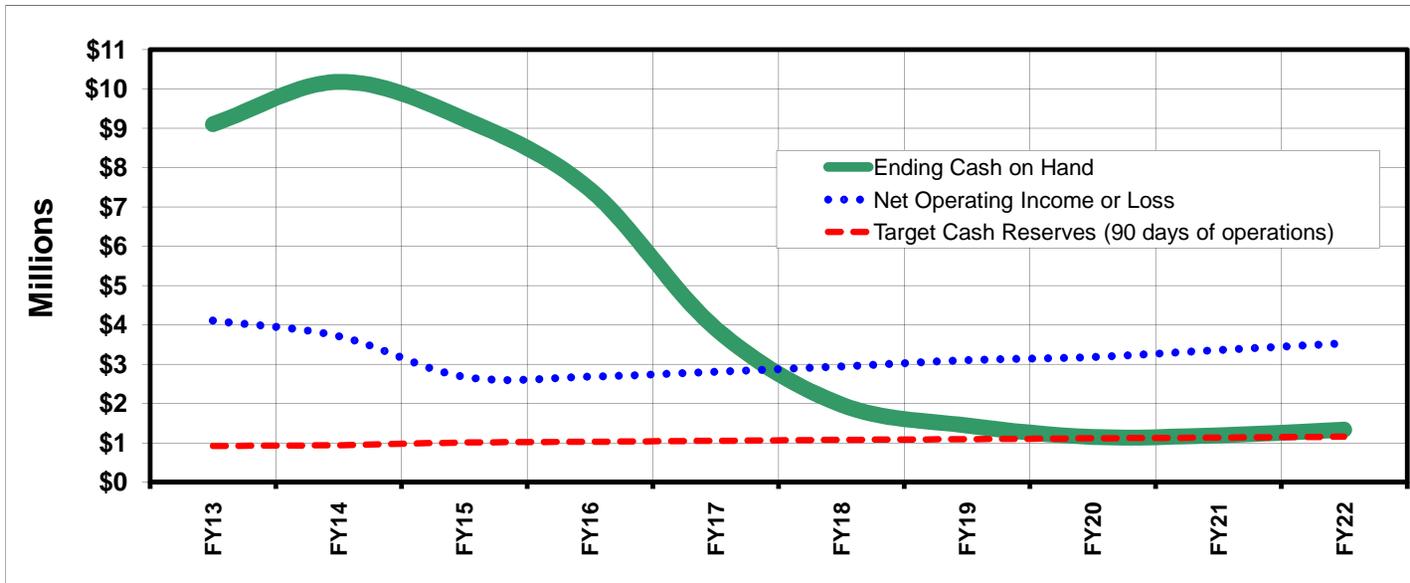
	FY13	FY14	FY15	FY16	FY17
16 BEGINNING CASH	\$ 1,265,185	\$ 332,340	\$ 277,247	\$ 577,010	\$ 891,516
17 NET CASH PROVIDED (USED) FOR OPERATIONS	\$ 1,528,886	\$ 1,771,575	\$ 1,993,797	\$ 2,229,652	\$ 2,479,975
18 NET CASH PROVIDED (USED) FOR CAPITAL	\$ (2,483,042)	\$ (1,833,680)	\$ (1,702,458)	\$ (1,930,373)	\$ (2,140,146)
19 ENDING CASH SUBTOTAL	\$ 311,029	\$ 270,235	\$ 568,586	\$ 876,288	\$ 1,231,344
20 INTEREST EARNED (PAID)	\$ 21,310	\$ 7,012	\$ 8,423	\$ 15,227	\$ 22,608
21 ENDING CASH	\$ 332,340	\$ 277,247	\$ 577,010	\$ 891,516	\$ 1,253,952
22 NET CHANGE IN CASH	\$ (932,845)	\$ (55,093)	\$ 299,763	\$ 314,506	\$ 362,437

Sewer Utility Projects

			FY13	FY14	FY15	FY16	FY17	Total
1	Combined Sewer Long Term Control Plan (LTCP)							
	The construction of the Mill Street Wastewater Treatment Plant expansion began in October 2011 and the work will be completed in about three years. In FY14, work will begin on a combined sewer overflow storage facility near the intersection of 42nd Street with 5th Avenue and a large diameter relief sewer in 6th Avenue from 24th Street to the Rock Island Parkway. In FY16, relocation of the combined sewer overflow point in Blackhawk Creek will begin. All work required by the LTCP must be completed by FY18. The total cost of all phases of the LTCP is expected to exceed \$70M.							
2			\$ 19,633,000	\$ 23,953,000	\$ 5,944,000	\$ 1,840,000	\$ 3,110,000	\$ 54,480,000
3								
4	Sewer Improvements Street Program Projects							
5	24th Street	7th to 9th Avenue	\$ 100,000					\$ 100,000
6	23rd Avenue	12th to 17th Street		\$ 96,000				\$ 96,000
7	9th Avenue	44 1/2 to 46th Street			\$ 15,000			\$ 15,000
8	22 1/2 Avenue	east of 29th Street				\$ 6,000		\$ 6,000
9		Total	\$ 100,000	\$ 96,000	\$ 15,000	\$ 6,000	\$ -	\$ 217,000
10								
11	Sewer Replacements							
12	21st/22nd Street	10th/12th Avenue			\$ 840,000			\$ 840,000
13	Alley between	19th/20th Street and 10th/12th Avenue		\$ 370,000				\$ 370,000
14	19th Street	9th to 10th Avenue				\$ 250,000		\$ 250,000
15	3rd Avenue	20th to 23rd Street					\$ 750,000	\$ 750,000
16		Total	\$ -	\$ 370,000	\$ 840,000	\$ 250,000	\$ 750,000	\$ 2,210,000
17								
18		Total Capital Improvements	\$ 19,733,000	\$ 24,419,000	\$ 6,799,000	\$ 2,096,000	\$ 3,860,000	\$ 56,907,000

Sewer Utility Projections

FY Ending	Rate Change	Capital Improvements	Long Term Control Plan	General Obligation Bonds	State Revolving Loan Fund	Ending Cash on Hand
2013	2.0%	\$ 100,000	\$ 19,633,000	\$ -	\$ 18,483,000	\$ 9,107,587
2014	2.0%	\$ 466,000	\$ 23,953,000	\$ -	\$ 22,961,000	\$ 10,183,641
2015	2.0%	\$ 855,000	\$ 5,944,000	\$ -	\$ 5,292,000	\$ 9,236,455
2016	2.0%	\$ 256,000	\$ 1,840,000	\$ -	\$ -	\$ 7,442,457
2017	2.0%	\$ 750,000	\$ 3,110,000	\$ -	\$ -	\$ 3,905,876
2018	2.0%	\$ 1,000,000	\$ 1,320,000	\$ -	\$ -	\$ 1,972,751
2019	2.0%	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,440,091
2020	2.0%	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,149,941
2021	2.0%	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,190,489
2022	2.0%	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,335,633
		\$ 7,427,000	\$ 55,800,000	\$ -	\$ 46,736,000	



Sewer Utility Projections

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
1 OPERATING REVENUES										
2 charges for service										
3 sewer charges	\$ 7,876,235	\$ 8,033,760	\$ 8,194,435	\$ 8,358,324	\$ 8,525,490	\$ 8,696,000	\$ 8,869,920	\$ 9,047,318	\$ 9,228,265	\$ 9,412,830
4 misc service charges	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
5 other				\$ -						
6 facility rentals	\$ 14,400	\$ 14,688	\$ 14,982	\$ 15,281	\$ 15,587	\$ 15,899	\$ 16,217	\$ 16,541	\$ 16,872	\$ 17,209
7 sewer lateral repair program	\$ 216,000	\$ 221,000	\$ 226,000	\$ 231,000	\$ 236,000	\$ 241,000	\$ 246,000	\$ 251,000	\$ 256,000	\$ 261,000
8 IRS interest rebate	\$ 74,771	\$ 68,632	\$ 67,763	\$ 66,711	\$ 65,422	\$ 63,848	\$ 61,914	\$ 59,633	\$ 56,998	\$ 53,946
9 Downtown TIF (1st Avenue Sewer debt service)	\$ 104,846	\$ 104,498	\$ 104,082	\$ 105,554	\$ 104,734	\$ 105,892	\$ 106,818	\$ 107,552	\$ 110,136	\$ 106,344
10 total operating revenues	\$ 8,286,752	\$ 8,443,077	\$ 8,607,761	\$ 8,777,370	\$ 8,947,733	\$ 9,123,139	\$ 9,301,368	\$ 9,482,545	\$ 9,668,771	\$ 9,851,829
11										
12 OPERATING EXPENSES										
13 personnel	\$ 1,239,624	\$ 1,264,416	\$ 1,289,705	\$ 1,315,499	\$ 1,341,809	\$ 1,368,645	\$ 1,396,018	\$ 1,423,938	\$ 1,452,417	\$ 1,481,465
14 supplies	\$ 233,004	\$ 237,664	\$ 242,417	\$ 247,266	\$ 252,211	\$ 257,255	\$ 262,400	\$ 267,648	\$ 273,001	\$ 278,461
15 services	\$ 1,500,349	\$ 1,530,356	\$ 1,560,963	\$ 1,592,182	\$ 1,624,026	\$ 1,656,507	\$ 1,689,637	\$ 1,723,429	\$ 1,757,898	\$ 1,793,056
16 extra for expanded Mill Street WWTP			\$ 220,816	\$ 225,232	\$ 229,737	\$ 234,332	\$ 239,019	\$ 243,799	\$ 248,675	\$ 253,648
17 other	\$ 70,600	\$ 72,012	\$ 73,452	\$ 74,921	\$ 76,420	\$ 77,948	\$ 79,507	\$ 81,097	\$ 82,719	\$ 84,374
18 rebates	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
19 discount for services (Park Dept)	\$ 27,587	\$ 28,139	\$ 28,702	\$ 29,276	\$ 29,861	\$ 30,458	\$ 31,067	\$ 31,689	\$ 32,323	\$ 32,969
20 transfer to the General Fund	\$ 378,409	\$ 385,977	\$ 393,697	\$ 401,571	\$ 409,602	\$ 417,794	\$ 426,150	\$ 434,673	\$ 443,366	\$ 452,234
21 transfer for meter services	\$ 139,419	\$ 142,207	\$ 145,052	\$ 147,953	\$ 150,912	\$ 153,930	\$ 157,008	\$ 160,149	\$ 163,352	\$ 166,619
22 transfer for GIS	\$ 39,386	\$ 39,386	\$ 39,386	\$ 39,386	\$ 39,386	\$ 39,386	\$ 39,386	\$ 39,386	\$ 39,386	\$ 39,386

Sewer Utility Projections

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
23 depreciation	\$ 542,252	\$ 542,252	\$ 542,252	\$ 542,252	\$ 542,252	\$ 542,252	\$ 542,252	\$ 542,252	\$ 542,252	\$ 542,252
24 contingency	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000
25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26 total operating expenses	\$ 4,226,130	\$ 4,297,910	\$ 4,591,941	\$ 4,671,038	\$ 4,751,715	\$ 4,834,007	\$ 4,917,944	\$ 5,003,561	\$ 5,090,889	\$ 5,179,964
27										
28 OPERATING INCOME (LOSS)	\$ 4,060,622	\$ 4,145,168	\$ 4,015,820	\$ 4,106,333	\$ 4,196,018	\$ 4,289,132	\$ 4,383,424	\$ 4,478,984	\$ 4,577,882	\$ 4,671,865
29										
30 NONOPERATING REVENUES (EXPENSES)										
31 interest revenue (expenses) on investments	\$ 115,849	\$ 143,607	\$ 144,566	\$ 124,161	\$ 84,479	\$ 43,761	\$ 25,406	\$ 19,281	\$ 17,423	\$ 18,805
32 SRF "grant"	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
"IKE" Grant (6th Ave relief sewer)	\$ 375,000	\$ 375,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33 interest expenses for bonds	\$ (442,965)	\$ (950,388)	\$ (1,480,546)	\$ (1,544,447)	\$ (1,468,481)	\$ (1,388,106)	\$ (1,304,502)	\$ (1,315,019)	\$ (1,233,584)	\$ (1,157,935)
34 total nonoperating revenue (expenses)	\$ 47,884	\$ (431,781)	\$ (1,335,979)	\$ (1,420,286)	\$ (1,384,002)	\$ (1,344,344)	\$ (1,279,096)	\$ (1,295,739)	\$ (1,216,161)	\$ (1,139,130)
35 transfers in (out)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36 CHANGE IN NET ASSETS	\$ 4,108,507	\$ 3,713,387	\$ 2,679,841	\$ 2,686,046	\$ 2,812,016	\$ 2,944,787	\$ 3,104,328	\$ 3,183,246	\$ 3,361,721	\$ 3,532,735
1 CASH FLOWS FROM OPERATING ACTIVITIES										
2 cash received from customers	\$ 7,876,235	\$ 8,033,760	\$ 8,194,435	\$ 8,358,324	\$ 8,525,490	\$ 8,696,000	\$ 8,869,920	\$ 9,047,318	\$ 9,228,265	\$ 9,412,830
3 cash payments to suppliers for goods and services	\$ (2,444,254)	\$ (2,491,241)	\$ (2,759,985)	\$ (2,813,287)	\$ (2,867,655)	\$ (2,923,110)	\$ (2,979,674)	\$ (3,037,370)	\$ (3,096,220)	\$ (3,156,247)
4 cash payments to employees for services	\$ (1,239,624)	\$ (1,264,416)	\$ (1,289,705)	\$ (1,315,499)	\$ (1,341,809)	\$ (1,368,645)	\$ (1,396,018)	\$ (1,423,938)	\$ (1,452,417)	\$ (1,481,465)
5 other operating revenue	\$ 410,517	\$ 409,318	\$ 413,326	\$ 419,046	\$ 422,243	\$ 427,139	\$ 431,448	\$ 435,227	\$ 440,506	\$ 438,999
6 NET CASH PROVIDED (USED) FOR OPERATIONS	\$ 4,602,874	\$ 4,687,420	\$ 4,558,072	\$ 4,648,585	\$ 4,738,270	\$ 4,831,384	\$ 4,925,676	\$ 5,021,236	\$ 5,120,134	\$ 5,214,117
7										
8 CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES										
9 capital improvements (LTCP)	\$ (19,633,000)	\$ (23,953,000)	\$ (5,944,000)	\$ (1,840,000)	\$ (3,110,000)	\$ (1,320,000)	\$ -	\$ -	\$ -	\$ -
10 capital improvements (other)	\$ (100,000)	\$ (466,000)	\$ (855,000)	\$ (256,000)	\$ (750,000)	\$ (1,000,000)	\$ (1,000,000)	\$ (1,000,000)	\$ (1,000,000)	\$ (1,000,000)
11 proceeds from SRF loan	\$ 18,483,000	\$ 22,961,000	\$ 5,292,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Sewer Utility Projections

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
12 proceeds from grants	\$ 375,000	\$ 375,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13 principal	\$ (748,028)	\$ (1,721,585)	\$ (2,662,279)	\$ (2,926,296)	\$ (3,030,849)	\$ (3,100,165)	\$ (3,179,240)	\$ (3,015,647)	\$ (2,863,424)	\$ (2,929,844)
14 interest	\$ (442,965)	\$ (950,388)	\$ (1,480,546)	\$ (1,544,447)	\$ (1,468,481)	\$ (1,388,106)	\$ (1,304,502)	\$ (1,315,019)	\$ (1,233,584)	\$ (1,157,935)
15 NET CASH PROVIDED (USED) FOR CAPITAL	\$ (2,065,993)	\$ (3,754,973)	\$ (5,649,824)	\$ (6,566,743)	\$ (8,359,330)	\$ (6,808,271)	\$ (5,483,742)	\$ (5,330,667)	\$ (5,097,008)	\$ (5,087,779)
16										
17 BEGINNING CASH	\$ 6,454,856	\$ 9,107,587	\$ 10,183,641	\$ 9,236,455	\$ 7,442,457	\$ 3,905,876	\$ 1,972,751	\$ 1,440,091	\$ 1,149,941	\$ 1,190,489
18 NET CASH PROVIDED (USED) FOR OPERATIONS	\$ 4,602,874	\$ 4,687,420	\$ 4,558,072	\$ 4,648,585	\$ 4,738,270	\$ 4,831,384	\$ 4,925,676	\$ 5,021,236	\$ 5,120,134	\$ 5,214,117
19 NET CASH PROVIDED (USED) FOR CAPITAL	\$ (2,065,993)	\$ (3,754,973)	\$ (5,649,824)	\$ (6,566,743)	\$ (8,359,330)	\$ (6,808,271)	\$ (5,483,742)	\$ (5,330,667)	\$ (5,097,008)	\$ (5,087,779)
20 ENDING CASH SUBTOTAL	\$ 8,991,737	\$ 10,040,034	\$ 9,091,888	\$ 7,318,297	\$ 3,821,397	\$ 1,928,989	\$ 1,414,685	\$ 1,130,660	\$ 1,173,067	\$ 1,316,828
21 INTEREST EARNED (PAID)	\$ 115,849	\$ 143,607	\$ 144,566	\$ 124,161	\$ 84,479	\$ 43,761	\$ 25,406	\$ 19,281	\$ 17,423	\$ 18,805
22 ENDING CASH	\$ 9,107,587	\$ 10,183,641	\$ 9,236,455	\$ 7,442,457	\$ 3,905,876	\$ 1,972,751	\$ 1,440,091	\$ 1,149,941	\$ 1,190,489	\$ 1,335,633
23										
24 NET CHANGE IN CASH	\$ 2,652,731	\$ 1,076,054	\$ (947,186)	\$ (1,793,998)	\$ (3,536,581)	\$ (1,933,125)	\$ (532,660)	\$ (290,150)	\$ 40,549	\$ 145,143

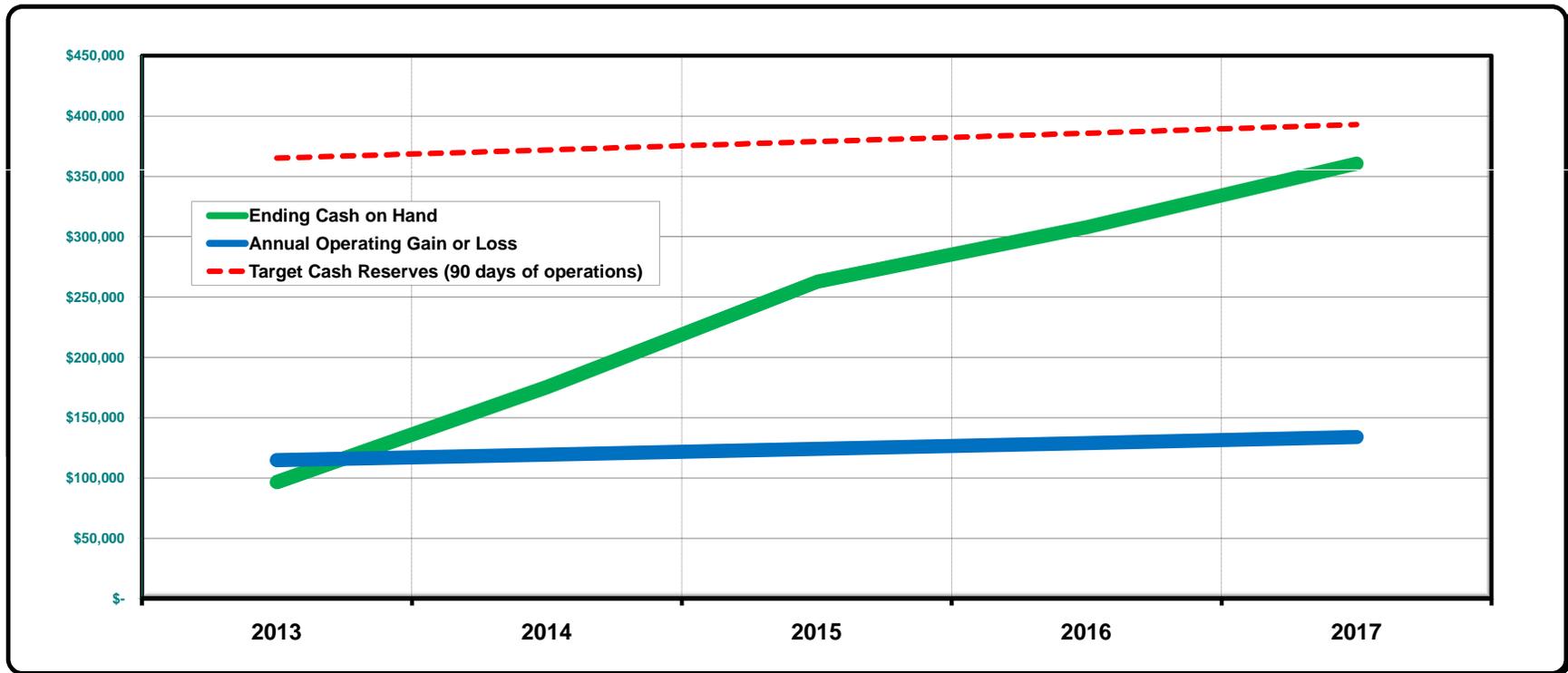
Stormwater Utility Projects

1 Outfall and Pipeline Rehabilitation Program

FY13	FY14	FY15	FY16	FY17	Total
\$ 150,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000	\$ 850,000
\$ 150,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000	\$ 850,000

Stormwater Utility Summary

	1	2	3	4	5
FY Ending March 31,	2013	2014	2015	2016	2017
Rate Change Assumptions	2.0%	2.0%	2.0%	2.0%	2.0%
Year Ending Cash on Hand	\$ 96,584	\$ 175,524	\$ 262,586	\$ 307,655	\$ 360,619
Capital Improvements (\$)	\$ 150,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000



Stormwater Fund Projections

		1	2	3	4	5
		FY13	FY14	FY15	FY16	FY17
REVENUES, EXPENSES AND CHANGES IN FUND NET ASSETS						
1	OPERATING REVENUES					
2	charges for service					
3	utility penalties	\$ 19,000	\$ 19,380	\$ 19,768	\$ 20,163	\$ 20,566
4	grading/drainage permits	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
5	stormwater charges	\$ 1,680,960	\$ 1,714,579	\$ 1,748,871	\$ 1,783,848	\$ 1,819,525
6	stormwater credit applications	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
7		\$ -	\$ -	\$ -	\$ -	\$ -
8	total operating revenues	\$ 1,700,560	\$ 1,734,559	\$ 1,769,238	\$ 1,804,611	\$ 1,840,691
9						
10	OPERATING EXPENSES					
11	personnel	\$ 473,903	\$ 483,381	\$ 493,049	\$ 502,910	\$ 512,968
12	supplies	\$ 45,195	\$ 46,099	\$ 47,021	\$ 47,961	\$ 48,921
13	services	\$ 447,688	\$ 456,642	\$ 465,775	\$ 475,090	\$ 484,592
14	other	\$ 3,125	\$ 3,188	\$ 3,251	\$ 3,316	\$ 3,383
15	program costs (Rain Gardens, RIDAP, Sump Pumps)	\$ 67,500	\$ 67,500	\$ 67,500	\$ 67,500	\$ 67,500
16	discount for services	\$ 80,000	\$ 81,600	\$ 83,232	\$ 84,897	\$ 86,595
17	transfer to General Fund (cost allocation)	\$ 254,100	\$ 259,182	\$ 264,366	\$ 269,653	\$ 275,046
18	transfer to Engineering (GIS)	\$ 39,386	\$ 40,174	\$ 40,977	\$ 41,797	\$ 42,633
19	depreciation	\$ 124,848	\$ 127,345	\$ 129,892	\$ 132,490	\$ 135,139
20	contingency	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
21	total operating expenses	\$ 1,585,745	\$ 1,615,110	\$ 1,645,062	\$ 1,675,613	\$ 1,706,776
22						
23	OPERATING INCOME (LOSS)	\$ 114,815	\$ 119,449	\$ 124,176	\$ 128,998	\$ 133,916
24						
25	NONOPERATING REVENUES (EXPENSES)					
26	interest revenue (expenses) on investments	\$ 909	\$ 2,026	\$ 3,261	\$ 4,245	\$ 4,975
27	contributed capital	\$ -	\$ -	\$ -	\$ -	\$ -
28	interest expenses for bonds	\$ -	\$ -	\$ -	\$ -	\$ -
29	total nonoperating revenue (expenses)	\$ 909	\$ 2,026	\$ 3,261	\$ 4,245	\$ 4,975
30						
31	CHANGE IN NET ASSETS	\$ 115,724	\$ 121,475	\$ 127,438	\$ 133,243	\$ 138,891

Stormwater Fund Projections

	1	2	3	4	5
	FY13	FY14	FY15	FY16	FY17
CASH FLOWS					
32 CASH FLOWS FROM OPERATING ACTIVITIES					
33 cash received from customers	\$ 1,680,960	\$ 1,714,579	\$ 1,748,871	\$ 1,783,848	\$ 1,819,525
34 cash payments to supplies for goods and services	\$ (839,494)	\$ (855,284)	\$ (871,390)	\$ (887,817)	\$ (904,574)
35 cash payments to employees for services	\$ (473,903)	\$ (483,381)	\$ (493,049)	\$ (502,910)	\$ (512,968)
36 program costs	\$ (67,500)	\$ (67,500)	\$ (67,500)	\$ (67,500)	\$ (67,500)
37 discount for services	\$ (80,000)	\$ (81,600)	\$ (83,232)	\$ (84,897)	\$ (86,595)
38 other operating revenue	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
39 NET CASH PROVIDED (USED) FOR OPERATIONS	\$ 220,163	\$ 226,914	\$ 233,801	\$ 240,825	\$ 247,989
40					
41 CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES					
42 capital improvements	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (200,000)	\$ (200,000)
43 contributed capital	\$ -	\$ -	\$ -	\$ -	\$ -
44 payment of general obligations bonds	\$ -	\$ -	\$ -	\$ -	\$ -
45 interest paid	\$ -	\$ -	\$ -	\$ -	\$ -
46 NET CASH PROVIDED (USED) FOR CAPITAL	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (200,000)	\$ (200,000)
47					
48 BEGINNING CASH	\$ 25,512	\$ 96,584	\$ 175,524	\$ 262,586	\$ 307,655
49 NET CASH PROVIDED (USED) FOR OPERATIONS	\$ 220,163	\$ 226,914	\$ 233,801	\$ 240,825	\$ 247,989
50 NET CASH PROVIDED (USED) FOR CAPITAL	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (200,000)	\$ (200,000)
51 ENDING CASH SUBTOTAL	\$ 95,675	\$ 173,498	\$ 259,324	\$ 303,410	\$ 355,644
52 INTEREST EARNED (PAID)	\$ 909	\$ 2,026	\$ 3,261	\$ 4,245	\$ 4,975
53 ENDING CASH	\$ 96,584	\$ 175,524	\$ 262,586	\$ 307,655	\$ 360,619
54					
55 NET CHANGE IN CASH	\$ 71,072	\$ 78,940	\$ 87,062	\$ 45,070	\$ 52,964
56					
57 rate increase assumption	2.00%	2.00%	2.00%	2.00%	2.00%
58					
59 inflation rate	2.00%				
60 investment rate	1.50%				