

City of Columbia Stormwater Utility – Extended Baseline Financial Model

PREPARED FOR: City of Columbia, MO

PREPARED BY: CH2M HILL

DATE: June 24, 2008

PROJECT NUMBER: 363740

1. Introduction

The purpose of this Technical Memorandum is to document the baseline results of the 25-year forecast financial model for the stormwater utility. The baseline financial data is based on financial documents downloaded from the City's website. Excerpts from these documents are provided in Attachment A. Information pertaining to the existing rate structure and rates was obtained from the City's stormwater utility ordinance (see Attachment B).

This Technical Memorandum is organized as follows:

- Section 2: Extended Baseline Financial Results
- Section 3: Assumptions
- Section 4: Existing Rate Structure
- Section 5: Number of Customers and Impervious Area
- Section 6: Projected Revenues
- Section 7: Revenue Requirements
- Section 8: Rate Structure Recommendations
- Section 9: Comparison of Other Stormwater Utilities

Attachments to this Technical Memorandum include the following:

- Attachment A – Baseline Financial Data
- Attachment B – City of Columbia Stormwater Utility Ordinance
- Attachment C – Baseline Financial Model Results (Existing Rates)
- Attachment D – Baseline Financial Model Results (Adjusted Rates)
- Attachment E – Baseline CIP
- Attachment F – Customer Information System

2. Extended Baseline Financial Results and Projected Rates

The 25-year forecast financial model results based on existing rates are provided in Attachment C and Table 1 shows the results for FY 2004 to FY 2010.

The beginning cash balance reported on Statement of Cash Flows provided in the FY 2004 Comprehensive Annual Financial Report (CAFR) was used as the beginning balance for FY 2004 in the financial model, which was \$2,218,180.

Based on the financial model at existing rates, operating income becomes negative starting in FY 2007, which means revenues at existing rates are not sufficient to cover operating and non-operating expenses. Further, starting in FY 2008 net income is negative, which means non-rate revenues are not able to cover the deficiency in operating income. This is important because based on the City's financial documents net income is used to determine the available working capital to fund CIP projects. As a result, starting in FY 2008 there is a net decrease in working capital and by FY 2010 the available working capital is not sufficient to fund currently programmed CIP projects. Therefore, rates will need to be adjusted (i.e., increased) to cover the short fall in operating income, net income, and working capital.

In order to determine the rate adjustments, the following rate setting criteria (in sequence) were applied for each year:

1. If operating income is less than zero, increase rates by 1 percent until operating income is positive.
2. If net income is less than zero, increase rates by 1 percent until net income is positive.
3. If the ending cash balance is less than \$2 million, increase rates by 1 percent until the ending cash balance is greater than or equal to \$2 million.
4. If the available working capital is less than \$1 million, use the available cash from the stormwater fund to cover CIP expenses. Further, if the ending cash balance is used to fund additional CIP expenses not covered by the available working capital balance, this decrease will affect the \$2 million minimum balance target. Therefore, after the adjustments needed meet the working capital balance target, increase rates by 1 percent until the ending cash balance is greater than or equal to \$1 million.

Based on the rate setting criteria listed above, CIP projects listed in Appendix E, and assumed increase in Personnel Services costs, Figure 1 shows the timing of rate adjustments, which includes a 105 percent increase in FY 2009 and a 156 percent increase in FY 2010. The reason for the increase in FY 2009 is related to the increases in Personnel Services discussed in the Assumptions section below. (see Attachment A). In addition, it is assumed that the FY 2009 CIP will be \$2.3 million. Lastly, rates have not increased since the stormwater utility was implemented in 1993; hence rates have not kept pace with inflation. The reason for the increase in FY 2010 is related to the CIP for replacement of corrugated metal pipe (CMP) that is between 33 and 44 years old. To avoid failure of these pipes and collapses that compromise health and safety, 75% of the pipe that has exceeded its life expectancy should be replaced within the next ten years and the remainder of that within the next 25 years.

TABLE 1
Baseline Pro forma at Existing Rates

	HISTORICAL	HISTORICAL	HISTORICAL	UNAUDITED	ADOPTED	PROJECTED	PROJECTED
Existing Rates	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10
Pro forma Beginning Balance	\$ 2,218,180	\$ 2,897,578	\$ 3,067,146	\$ 2,527,611	\$ 2,583,731	\$ 2,446,080	\$ 1,664,919
Operating Revenues							
From Rates	823,338	888,342	939,768	977,324	979,910	989,140	998,350
Other Charges	566,345	615,615	642,950	397,419	425,090	433,600	442,300
Total Operating Revenues	1,389,683	1,503,957	1,582,718	1,374,743	1,405,000	1,422,740	1,440,650
Operating Expenses							
Personnel Services	446,831	599,598	640,134	713,039	751,529	1,233,990	1,283,350
Supplies & Materials	92,831	79,656	82,542	96,517	174,775	178,271	181,836
Travel & Training	1,193	1,560	2,171	1,577	3,365	3,432	3,501
Intragovernmental Charges	119,461	126,194	141,660	180,368	208,416	216,753	225,423
Utilities, Services, & Misc.	119,848	147,459	83,103	50,844	201,425	209,482	217,861
Total Operating Expenses	780,164	954,467	949,610	1,042,345	1,339,510	1,841,928	1,911,971
<i>Less Non-Operating Expenses and Depreciation</i>	<i>\$ 262,149</i>	<i>\$ 318,826</i>	<i>\$ 348,398</i>	<i>\$ 391,515</i>	<i>\$ 390,000</i>	<i>\$ 481,973</i>	<i>\$ 789,157</i>
Operating Income	347,370	230,664	284,710	(59,117)	(324,510)	(901,161)	(1,260,478)
Non-Operating Revenues							
Investment Revenue	63,085	90,646	130,602	143,403	120,000	120,000	120,000
Revenue for other govt. units	-	16,037	33,801	34,815	35,859	-	-
Misc. Non-Operating Revenue	54,650	82,677	28,853	15,173	31,000	-	-
Total Non-Operating Revenues	117,735	189,360	193,256	193,391	186,859	120,000	120,000
Non-Operating Expenses							
Loss on Disposal Assets	-	4,551	17,556	-	-	-	-
Total Non-Operating Expenses	-	4,551	17,556	-	-	-	-
Operating Transfers							
From Other Funds	-	130,000	-	88,090	-	-	-
To Other Funds	-	(7,814)	(221,287)	-	-	-	-
Total Operating Transfers	-	122,186	(221,287)	88,090	-	-	-
<i>Capital Contribution</i>	<i>435,392</i>	<i>198,613</i>	<i>-</i>	<i>132,169</i>	<i>-</i>	<i>-</i>	<i>-</i>
Net Income (Loss)	900,497	736,272	239,123	354,533	(137,651)	(781,161)	(1,140,478)
<i>Funds Needed for CIP</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Debt Service							
Existing Series	-	-	-	-	-	-	-
Proposed Series	-	-	-	-	-	-	-
Total Debt Service	-	-	-	-	-	-	-
Pro forma Ending Balance	3,118,677	3,633,850	3,306,269	2,882,144	2,446,080	1,664,919	524,441
Statement of Cash Flow Ending Balance	2,897,578	3,067,146	2,527,611	2,583,731			
<i>Difference due to accounting for accrued income/expenses reported on the Statement of Cash Flows.</i>	<i>221,099</i>	<i>566,704</i>	<i>778,658</i>	<i>298,413</i>			

STATEMENT OF CHANGE IN FINANCIAL POSITION							
	HISTORICAL	HISTORICAL	HISTORICAL	UNAUDITED	ADOPTED	PROJECTED	PROJECTED
	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10
Working Capital Beginning Balance	943,805	1,071,256	1,389,600	988,190	2,263,728	1,653,577	(944,944)
Financial Resources Provided by:							
Net Income	900,497	736,272	239,123	354,533	(137,651)	(781,161)	(1,140,478)
Depreciation	262,149	318,826	348,398	391,515	390,000	481,973	789,157
Total	1,162,646	1,055,098	587,521	746,048	252,349	(299,188)	(351,321)
Other Source:	-	-	-	-	-	-	-
Financial Resources Used for:							
Misc. Adj.	-	(57,679)	-	-	-	-	-
Less Loss on Disposal Assets	-	(4,551)	(17,556)	-	-	-	-
Increase (Decrease) Restricted Assets	689,722	(278,913)	(127,282)	(1,502,690)	-	-	-
Capital Additions	-	191,475	-	32,400	190,000	-	-
Capital Projects	345,473	886,422	1,133,769	940,800	672,500	2,299,333	7,679,600
Total	1,035,195	736,754	988,931	(529,490)	862,500	2,299,333	7,679,600
Net Incr. (Decr.) In Working Capital	127,451	318,344	(401,410)	1,275,538	(610,151)	(2,598,521)	(8,030,921)
Working Capital Ending Balance	1,071,256	1,389,600	988,190	2,263,728	1,653,577	(944,944)	(8,975,864)

Estimating rate adjustments beyond five years becomes speculative. While the financial model shows rate adjustments out to FY 2033, it is recommended that the City look at five year rate periods. As better information becomes available the rate model can be updated for another five year rate setting period.

FIGURE 1
Rate Adjustments to Meet Rate Setting Criteria

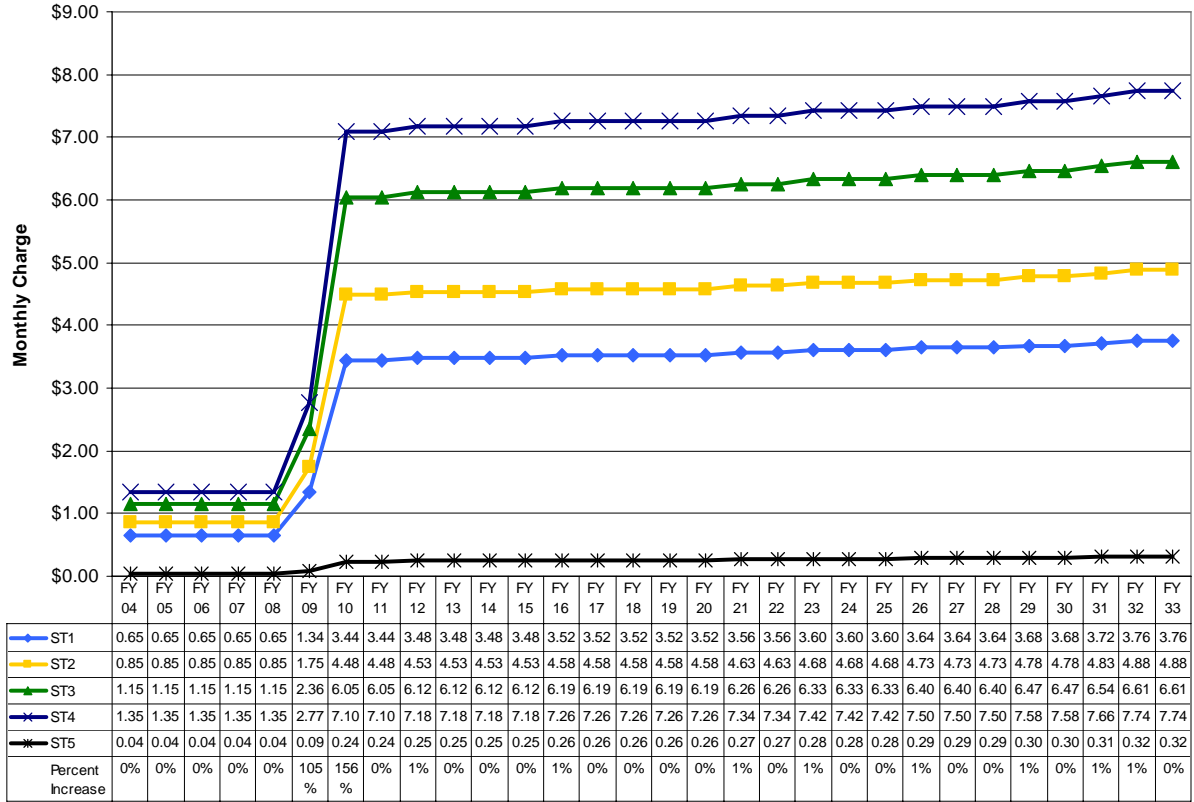
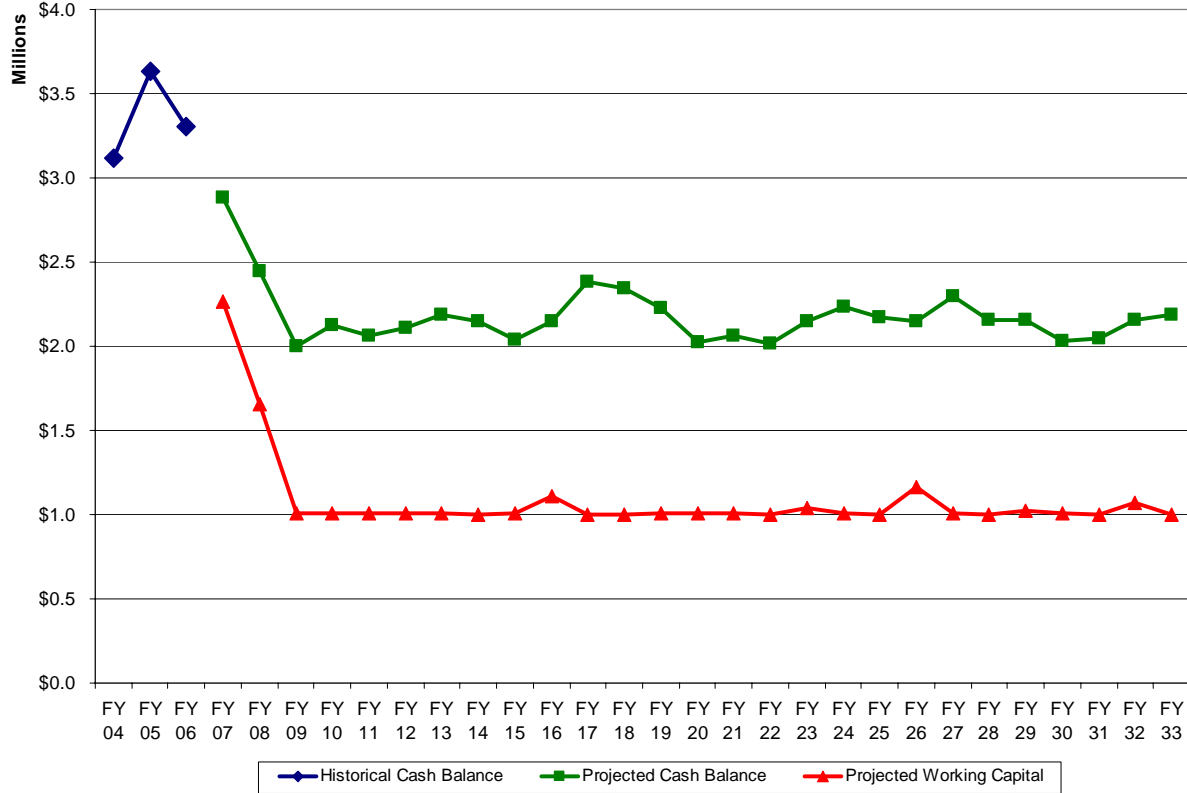


Table 2 shows the financial model results for FY 2004 to FY 2010 based on the rate adjustments shown in Figure 1. Attachment D provides the financial model results for FY 2004 to FY 2033. Figure 2 shows the ending cash balance and available working capital based on the rate adjustments shown in Figure 1.

TABLE 2
Baseline Pro forma at Adjusted Rates

	HISTORICAL	HISTORICAL	HISTORICAL	UNAUDITED	ADOPTED	PROJECTED	PROJECTED
Adjusted Rates	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10
Pro forma Beginning Balance	\$ 2,218,180	\$ 2,897,578	\$ 3,067,146	\$ 2,527,611	\$ 2,583,731	\$ 2,446,080	\$ 2,001,179
Operating Revenues							
From Rates	823,338	888,342	939,768	977,324	979,910	2,135,400	5,643,730
Other Charges	566,345	615,615	642,950	397,419	425,090	433,600	442,300
Total Operating Revenues	1,389,683	1,503,957	1,582,718	1,374,743	1,405,000	2,569,000	6,086,030
Operating Expenses							
Personnel Services	446,831	599,598	640,134	713,039	751,529	1,233,990	1,283,350
Supplies & Materials	92,831	79,656	82,542	96,517	174,775	178,271	181,836
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<i>Less Non-Operating Expenses and Depreciation</i>	<i>\$ 262,149</i>	<i>\$ 318,826</i>	<i>\$ 348,398</i>	<i>\$ 391,515</i>	<i>\$ 390,000</i>	<i>\$ 481,973</i>	<i>\$ 789,157</i>
Operating Income	347,370	230,664	284,710	(59,117)	(324,510)	245,099	3,384,902
Non-Operating Revenues							
Investment Revenue	63,085	90,646	130,602	143,403	120,000	120,000	120,000
Revenue for other govt. units	-	16,037	33,801	34,815	35,859	-	-
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Total Non-Operating Expenses	-	4,551	17,556	-	-	-	-
Operating Transfers							
From Other Funds	-	130,000	-	88,090	-	-	-
To Other Funds	-	(7,814)	(221,287)	-	-	-	-
Total Operating Transfers	-	122,186	(221,287)	88,090	-	-	-
<i>Capital Contribution</i>	<i>435,392</i>	<i>198,613</i>	<i>-</i>	<i>132,169</i>	<i>-</i>	<i>-</i>	<i>-</i>
Net Income (Loss)	900,497	736,272	239,123	354,533	(137,651)	365,099	3,504,902
<i>Funds Needed for CIP</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>(810,000)</i>	<i>(3,380,000)</i>
Debt Service							
Existing Series	-	-	-	-	-	-	-
Proposed Series	-	-	-	-	-	-	-
Total Debt Service	-	-	-	-	-	-	-
Pro forma Ending Balance	3,118,677	3,633,850	3,306,269	2,882,144	2,446,080	2,001,179	2,126,081
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<i>Difference due to accounting for accrued income/expenses reported on the Statement of Cash Flows.</i>	<i>221,099</i>	<i>566,704</i>	<i>778,658</i>	<i>298,413</i>			

FIGURE 2
Ending Cash and Working Capital Balances



Assumptions

The following assumptions were used to develop the baseline 25-year forecast financial model for the stormwater utility:

- Personnel Services, Intragovernmental Charges, and Utilities are escalated at 4 percent per year. Supplies/Materials and Travel/Training are escalated at 2 percent per year.
- Starting FY in 2009, one full time engineer with one technician to implement and oversee a stormwater management infrastructure inspection, repair, and replacement program, administer accelerated CIP, and oversee stormwater master plan and stream assessment projects. These programs can be funded, but cannot be realistically administered within the City’s current staffing levels. This will add approximately \$160,000 in Personnel Services.
- Starting in FY 2009, two construction inspectors are needed. Although all inspections are being completed, staffing limitations are preventing inspectors from spending an adequate amount of time on all inspections. Construction inspections are a focus of the NPDES program, both Phase I and II. MoDNR has indicated that pre-and post-construction activities will have more of a focus in coming years and the City needs to have adequate staff to meet regulatory expectations. This will add approximately \$140,000 in Personnel Services.
- Starting in FY 2009, a 3-person CCTV inspection crew to be shared with sanitary utility. It is assumed that this 3-person crew will be 2.25 FTEs and will add approximately \$135,000 to Personnel Services.

- Total capital costs that are identified in the City’s CIP are assumed to account for inflation.
- See Attachment E for more information.
- For Fiscal Years 2018 – 2033, it is assumed that total annual capital project costs will be \$7,879,000. Since the rates are set at a level to fund \$5.8 million for CMP replacement and other projects, CIP costs are kept at a consistent level in order to keep the ending fund balances at recommended levels.
- The number of customers is assumed to grow based on historical rates. The impervious area for non-residential customers is assumed to increase 0.5 percent per year.
- Depreciation costs are assumed to increase \$40,000 for every \$1 million in capital expenditures. Given the level of CIP expenditures in the out years, depreciation costs are assumed to be capped at \$1 million.
- Revenues from other charges (i.e., impact fees) are assumed to increase 2 percent per year.
- Maintain a minimum ending cash balance of at least \$2 million (Consultant Recommended).
- Maintain a working capital balance of at least \$1 million (Consultant Recommended).

3. Existing Rate Structure

The existing rate structure consists of 5 categories as summarized in Table 3. Table 4 shows example charges on a monthly and annual basis. Recommendations for changes to the existing rate structure are provided in Section 8

TABLE 3
Summary of the Existing Rate Structure

Rate Code	Category of Land Use	Monthly Charge
ST1	Multiple-family buildings having more than four units; single-family residences having a main floor area less than 750 sq. ft.	\$0.65 per unit
ST2	Multiple-family buildings having four or less units; mobile homes; single-family residences having a main floor area of from 750 sq. ft. to 1,250 sq. ft.	\$0.85 per unit
ST3	Single-family residences having a main floor area of from 1,251 sq. ft. to 2,000 sq. ft.	\$1.15 per unit
ST4	Single-family residence having a main floor area more than 2,000 sq. ft.	\$1.35 per unit
ST5	<ul style="list-style-type: none"> • Number of non-residential accounts for uses of developed land <i>less than or equal to 100 square feet</i> • Total Impervious Area for all non-residential uses of developed land <i>greater than 100 square feet</i> 	<ul style="list-style-type: none"> • \$4.00 minimum bill • \$0.04 per 100 SF impervious area

TABLE 4
Example Stormwater Utility Charges at Current Rates

Property Type	Stormwater Utility Charge	
	Monthly	Annual
Residential : Tier 1 (ST1)	\$0.65	\$7.80
Residential: Tier 2 (ST2)	\$0.85	\$10.20
Residential: Tier 3 (ST3)	\$1.15	\$13.80
Residential: Tier 4 (ST4)	\$1.35	\$16.20
Multi-Family Residential: Tier 1 (ST1)	\$0.65	\$7.80
Multi-Family Residential: Tier 2 (ST2)	\$0.85	\$10.20
Commercial (5,000 square feet) (ST5)	\$2.00	\$24.00
Commercial (10,000 square feet) (ST5)	\$4.00	\$48.00
Commercial (20,000 square feet) (ST5)	\$8.00	\$96.00
Commercial (100,000 square feet) (ST5)	\$40.00	\$480.00

*Includes multi-family residential units.

4. Number of Customers and Impervious Area

Based on the Customer Information System Stormwater Revenue report (Attachment F) provided by the City, Table 5 summarizes the historical number of accounts for multi-family buildings, single family residences, and non-residential accounts.

TABLE 5
Historical Number Of Accounts For Multi-Family Buildings, Single Family Residences, Non-Residential Accounts

	FY 04	FY 05	FY 06	FY 07	Annual Growth Rate
ST1—Multiple-family buildings having more than four units; single-family residences having a main floor area less than 750 sq. ft	9,581	9,890	10,426	10,525	3.18%
ST2—Multiple-family buildings having four or less units; mobile homes; single-family residences having a main floor area of from 750 sq. ft. to 1,250 sq. ft.	15,580	16,161	16,526	17,015	2.98%
ST3—Single-family residences having a main floor area of from 1,251 sq. ft. to 2,000 sq. ft.	9,674	10,415	11,137	11,635	6.35%
ST4—Single-family residence having a main floor area more than 2,000 sq. ft.	1,616	1,727	1,837	1,946	6.39%
ST5—Non-residential accounts	1,687	1,840	2,022	2,077	7.18%
Total	36,451	38,193	39,926	41,121	4.10%

Table 5 shows annual growth rate in the number of customers. Based on input from the City, the number of customer accounts is assumed to grow 2 percent per year. Figure 3 graphically shows the projection of customers based on the growth rate of 2 percent per year. Figure 3 also shows the growth in accounts assuming a 3 percent increase for each rate category. It is possible that the historical growth in accounts will not be achieved in future years. For example, the growth in new accounts may reach a plateau and level out for several years. In addition, the growth associated with certain rate categories will not continue at historical rates, while others may continue. For planning purposes, the City's master plan or comprehensive plan can help validate the assumed growth in properties.

For the non-residential rate category, a distinction is made between accounts with impervious area less than 100 square feet and those with greater than 100 square feet. Since impervious area data were not readily available from the Customer Information System, an estimate was developed based on the revenues associated with rate category ST5. This estimate assumes all non-residential properties pay \$0.04 per 100 square feet per month or \$0.48 per 100 square feet per year. While the historical growth in the number of non-residential accounts has trended approximately 7 percent per year, the amount of impervious area is assumed to increase at 0.5 percent per year. Figure 4 shows the estimated impervious area for non-residential accounts based on the annual revenues for rate category ST5.

FIGURE 3
Historical and projected growth in the number of accounts by rate category

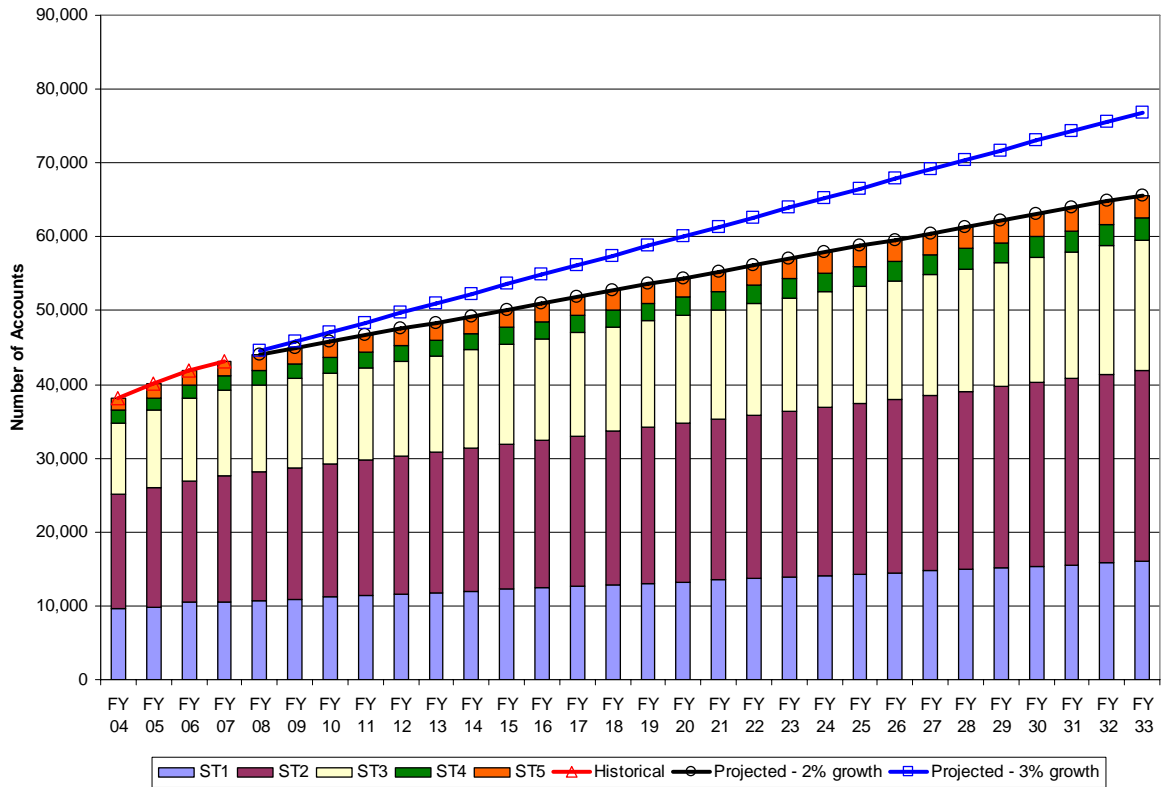
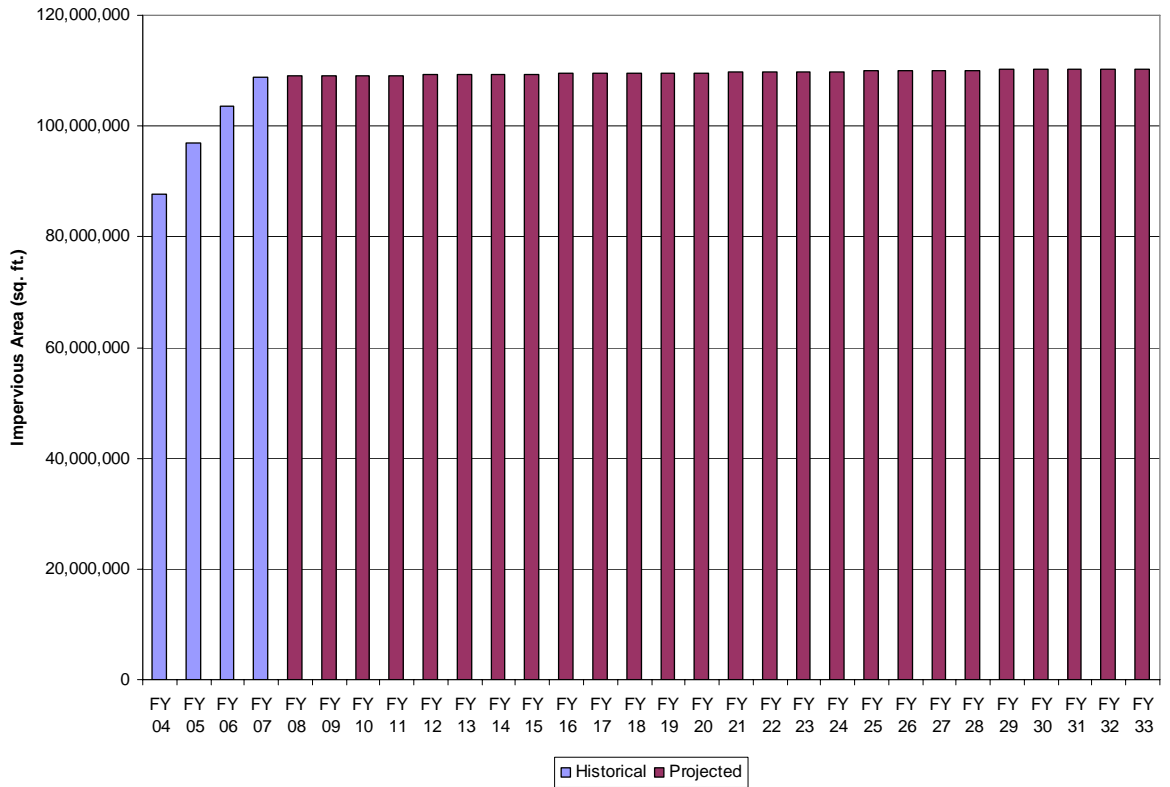


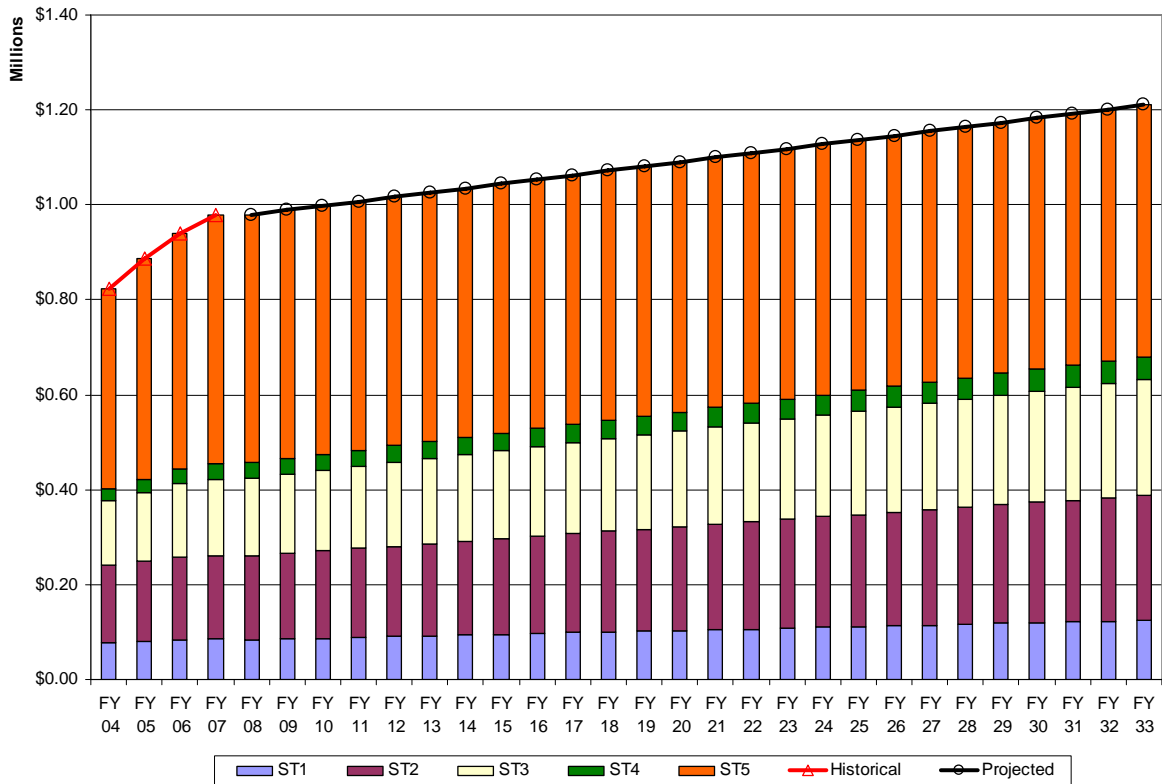
FIGURE 4
 Estimated Impervious Area (sq. ft.) for Non-Residential Accounts



5. Historical and Projected Revenues at Existing Rates

Based on the number of accounts for rate categories ST1 – ST4 and the impervious area estimates for rate category ST5, Figure 5 shows the historical and projected revenues at existing rates. Note, the increase in revenues is associated with the growth in accounts and impervious area, not an increase in rates. In addition to stormwater utility rates, revenues are generated from impact fees, which are projected generate approximately \$350,000 per year.

FIGURE 5
Historical and Projected Revenues* at Existing Rates



* Does not include other revenues (i.e., impact fees)

6. Revenue Requirements

The common revenue requirements categories for the stormwater utility consist of the following:

- Operating Expenses
- Cash funded capital projects and capital additions (Attachment E)
- Debt Service

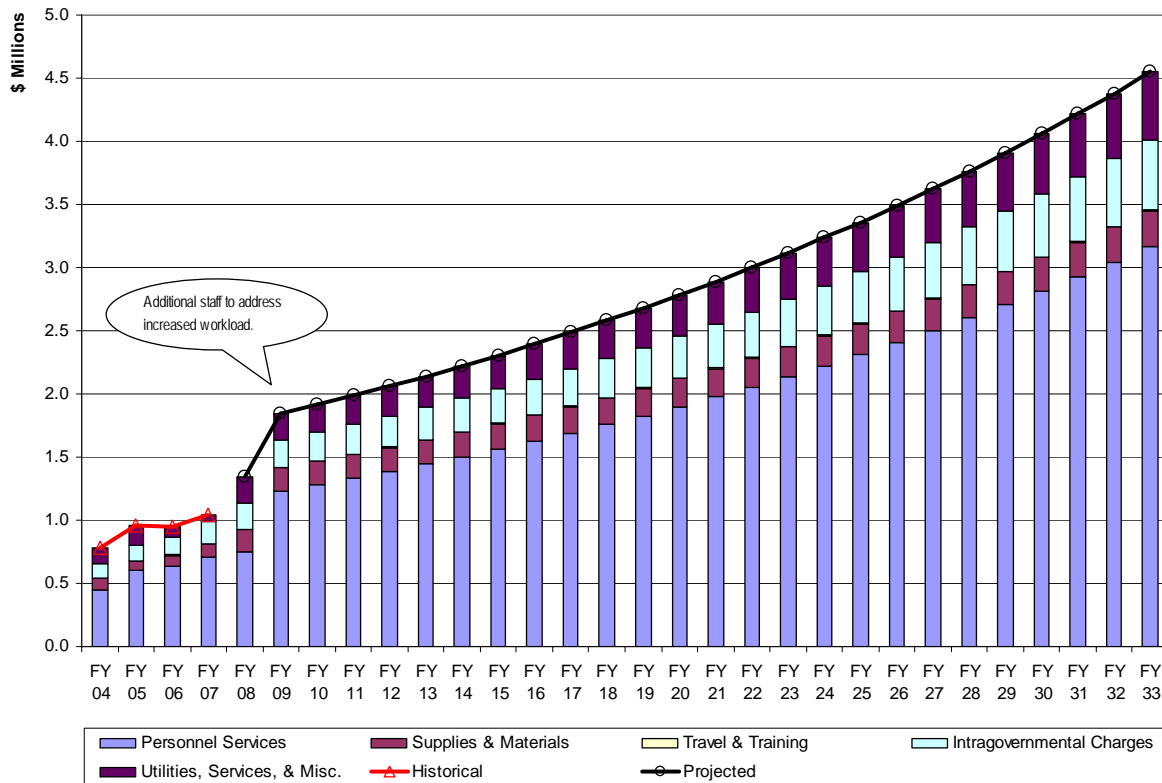
The data presented below is based on financial documents down loaded from the City’s website.

6.1 Operating Expenses

Based on the financial documents that were reviewed, operating expenses include the following cost centers (Figure 6):

- Personnel Services
- Supplies & Materials
- Travel & Training
- Intragovernmental Charges
- Utilities, Services, & Misc.

FIGURE 6
Historical and Projected Operating Expenses



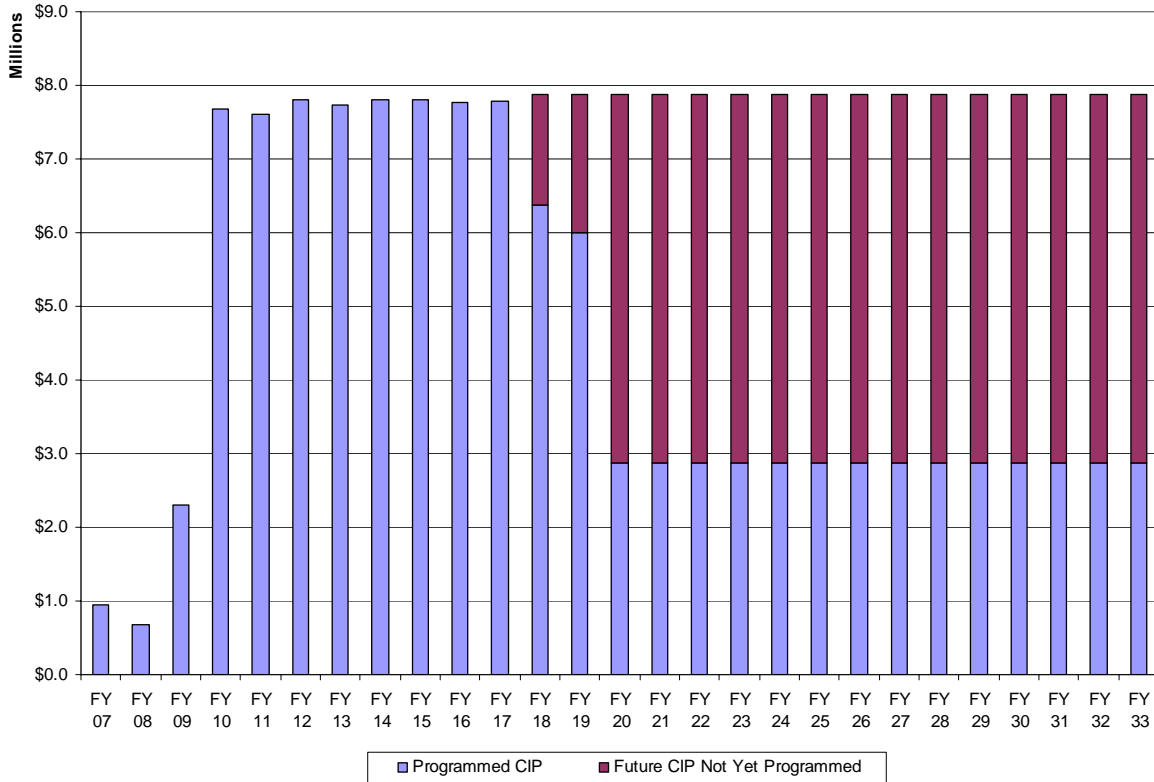
6.2 Cash Funded Capital Projects and Capital Additions

Table 6 summarizes the Stormwater CIP, which includes 45 projects totaling approximately \$118.7 million (see Attachment E for details). Figure 7 shows the annual CIP expenditures that programmed and assume.

TABLE 6
FY 2008 CIP

Project Name	Project Number	Total Costs ('08 to '12)	Total Costs ('07 to '13)	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
1 Annual Projects	C49017	\$950,000	\$5,130,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000
2 Brown School Road Culverts	C49070	0	75,000							75,000					
3 Harvard Drainage	C49088	175,500	175,500		175,500										
4 Lawrence Place	C49089	90,000	90,000		90,000										
5 Mill Creek Detention Study	Study	52,000	52,000		52,000										
6 Quail Drive	C49067	707,333	707,333			707,333									
7 Rangeline Street Smith Street	C49081	117,000	137,000	20,000		117,000									
8 Royal Lytham - Fallwood	C49090	60,000	60,000		60,000										
9 Rustic Road RCB	C49091	105,000	105,000		105,000										
10 Vandiver/SyVran Storm Drainage	--	1,216,000	1,216,000			1,216,000									
11 Braemore Drainage	--	175,000	175,000				175,000								
12 Bray/Longwell Drainage	--	101,000	101,000				101,000								
13 Capri Estates Drainage	--	145,000	145,000						145,000						
14 English/Subella/Jake Drainage	--	110,000	110,000						110,000						
15 Garth @ Oak Tower	--	356,856	356,856						356,856						
16 Martinshire Drive	--	239,000	239,000			69,000		170,000							
17 Pear Tree Circle Storm Drainage	--	170,000	170,000						170,000						
18 Sappington Drainage	--	145,000	145,000						145,000						
19 Sexton Road at Jackson	--	440,964	440,964					440,964							
20 Sexton/McBaine Drainage	--	533,515	533,515					533,515							
21 Woodland-Northridge Drainage	--	203,500	203,500						203,500						
24 Grasslands Brandon Drainage	--	0	865,000											500,000	365,000
25 Old Plank Storm Drainage - South Side	--	129,600	129,600				129,600								
29 Stewart Park Drainage	--	92,000	92,000				92,000								
31 Wayne Road	--	68,000	68,000				68,000								
2 Brandon Road Culvert Ph II	C49068	360,000	481,400	121,400			360,000								
4 Greenwood-Stewart	C49069	0	146,400	146,400											
6 Middlebush	C49039	0	90,000	90,000											
7 Mill Creek Drainage Phase 2	C49080	0	164,000	164,000											
10 Rutledge-Weymeyer	C49040	0	59,000	59,000											
Digital Mapping	C49043	0	150,000	150,000											
Greenwood Stewart Phase II	--	934,704	934,704					467,352	467,352						
Vandiver @ Commerce Court	--	200,000	1,159,000						200,000	959,000					
Stone Street	--	0	186,270							186,270					
Lasalle/Pendleton Relief Storm System	--	0	1,980,000									1,200,000	780,000		
Broadway/Clinkscates	--	0	1,275,342											1,275,342	
Olive/Laoris	--	0	386,455											386,455	
Benton/Garth	--	0	100,800							100,800					
6th St @ Hickman	--	750,000	750,000				750,000								
Broadway, First St. to Providence	--	0	300,000											300,000	
Park St. Seventh to Fifth	--	0	300,000											300,000	
Hitt and Elm to Waugh	--	0	600,000										600,000		
Harmony Branch Channel Recovery	--	0	2,000,000							200,000	1,800,000				
Worley/Again East	--	0	200,000							200,000					
CMP Replacement	--	17,442,000	95,786,000				5,814,000	5,814,000	5,814,000	5,814,000	5,814,000	5,814,000	5,814,000	5,814,000	5,814,000
<i>Put cursor here and insert row</i>		0	0												
Programmed CIP		26,068,972	118,571,639	940,800	672,500	2,299,333	7,679,600	7,615,831	7,801,708	7,725,070	7,804,000	7,804,000	7,770,455	7,779,342	6,369,000
Future CIP Not Yet Programmed															\$1,510,000
Total CIP				\$940,800	\$672,500	\$2,299,333	\$7,679,600	\$7,615,831	\$7,801,708	\$7,725,070	\$7,804,000	\$7,804,000	\$7,770,455	\$7,779,342	\$7,879,000

FIGURE 7
Currently Programmed and Projected CIP



6.3 Debt Service

Sometimes utilities will use debt financing to fund their CIP and so debt service is a revenue requirement category that is included in the analysis. Currently, there is no debt service for the City of Columbia Stormwater Utility. Depending on the anticipated capital requirements, funding significant capital projects through debt financing could be a way to finance certain projects in order to reduce the annual revenue requirements in the early years or to increase the pace of delivering capital projects. Debt financing is not considered as part of the financial model and therefore no estimates are included.

7. Rate Structure Recommendations

During meetings with the City, there was interest in receiving recommendations on how to change the stormwater rate structure to be more consistent with industry standards. Based on experience with implementing stormwater utilities nationwide, CH2M HILL recommends the consideration of the following approach which is followed by many of the stormwater utilities established in the past several years:

- Determine the Equivalent Residential Unit (ERU) basis, which is typically the median imperviousness of a single family detached dwelling. In most case single family residential properties are considered 1 ERU. Based on the number of accounts summarized in Table 5, single family properties would include rate categories ST1, ST2, ST3 and ST4, which would translate to 13,581 ERUs. Rate categories ST1 and ST2 include multi-family properties which would be charge based on total impervious area (similar to rate category ST5).
- Reaffirm the GIS data to support the reporting of the actual total impervious for non-residential and multi-family residential properties. Determine the number of ERUs for multi-family residential properties (ST1 and ST2) and non-residential properties (ST5). Based on the estimated impervious area for non-residential properties shown in Figure 4 and assuming an ERU basis of 2,000 square feet, there are approximately 52,000 ERUs associated with non-residential units. Nonetheless, additional analysis is needed to determine the number of ERUs for both non-residential and multi-family residential properties.
- Based on the total revenue requirements for the stormwater utility, determine the rate per ERU (i.e., Total Revenue Requirements / Total Number of ERUs. Based on preliminary data presented in this Technical Memorandum, the number of total number of ERUs is estimated to be at least 65,600 (i.e., 13,600 + 52,000). If the total annual revenue requirement for the stormwater utility is \$1 million, then the rate per ERU would be \$1.27 per ERU per month. So single residential properties (existing rate categories ST1 - ST4) would pay \$1.27 per month. Multi-family properties (existing rate category ST1 and ST2) and commercial properties (existing rate category ST5) would pay based there total impervious area. For example, if a property had 20,000 square feet of impervious area, their monthly charge would be \$12.70 ($\$1.27 \times (20,000 \text{ SF} / 2,000 \text{ SF})$). Under the existing rate structure, the monthly charge would be \$8 ($\$0.04 \times (20,000 \text{ SF} / 100 \text{ SF})$).

Table 7 shows a comparison of the total annual charges under the existing rate structure and an example rate structure based on current industry standards. Based on the comparison presented in Table 7, it is assumed that all residential properties will be charged 1 ERU. Depending on the general acceptance of this rate structure among residential properties, a multi-tier rate structure can be developed where rate categories ST1 – ST3 are charged a fraction of 1 ERU. For example, single family residential properties coded as ST1 would be charged 51 percent of 1 ERU (\$7.80/\$15.24). Single family residential properties coded as ST2 would be charged 67 percent of 1 ERU. Lastly, single family residential properties coded as ST3 and ST4 would be charged 1 ERU. Charges for multifamily residential properties (currently coded as ST1 or ST2) would be based on the total actual impervious area and distributed among tenants.

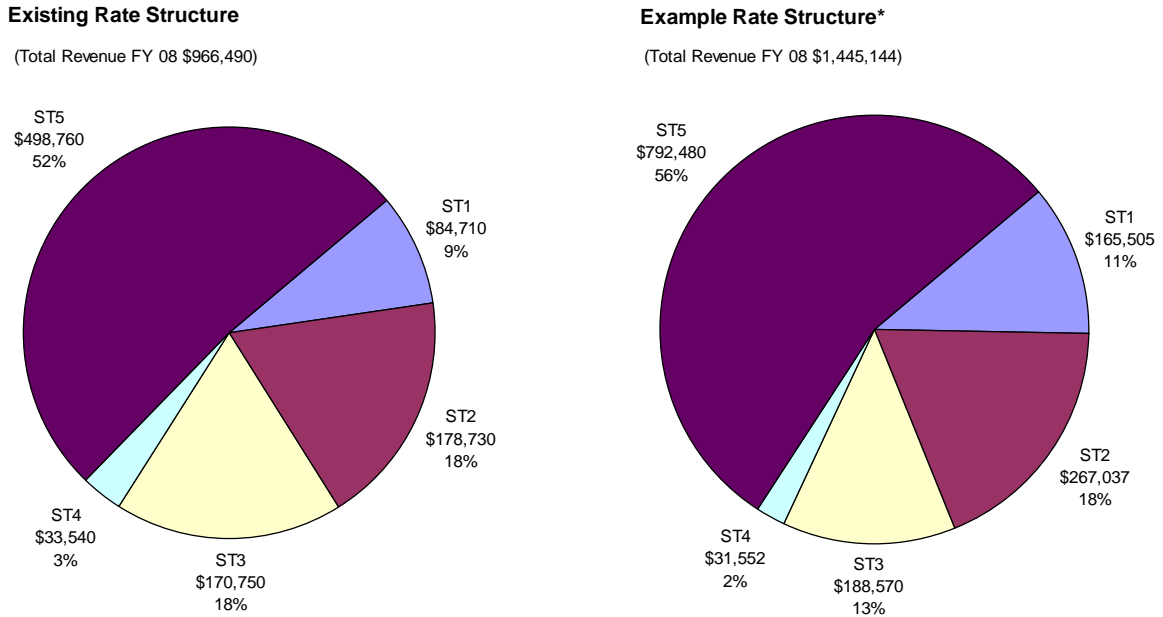
TABLE 7
Comparison of Total Annual Stormwater Utility Charges: Existing versus Example Rate Structure

Property Type	Current Rate Structure	Example Rate Structure at \$15.24/ERU*/Year	Difference
Residential: Tier 1 (ST1)	\$7.80	\$15.24	\$7.44
Residential: Tier 2 (ST2)	\$10.20	\$15.24	\$5.04
Residential: Tier 3 (ST3)	\$13.80	\$15.24	\$1.44
Residential: Tier 4 (ST4)	\$16.20	\$15.24	(\$0.96)
Multi-Family (12,000 sq. ft. or 6 ERUs, 10 units) (ST1)	\$7.80 per unit	\$9.14 per unit	\$1.34
Multi-Family (6,000 sq. ft. or 3 ERUs, 4 units) (ST2)	\$10.20 per unit	\$11.43 per unit	\$1.23
Commercial (5,000 sq. ft. or 2.5 ERUs) (ST5)	\$24.00	\$38.11	\$14.11
Commercial (10,000 sq. ft. or 5 ERUs) (ST5)	\$48.00	\$76.22	\$28.22
Commercial (20,000 sq. ft. or 10 ERUs) (ST5)	\$96.00	\$152.44	\$56.44
Commercial (100,000 sq. ft. or 50 ERUs) (ST5)	\$480.00	\$762.20	\$282.20

* 1 ERU = 2,000 square feet

Figure 8 graphically shows the contribution of revenues based on the existing rate structure and the example rate structure. While the differences appear minimal, Figure 8 illustrates that under the example rate structure, revenues from rates would increase due to the rate structure adjustments shown in Table 7.

FIGURE 8
Contribution of Revenues by Rate Code: Existing versus Example Rate Structure



*Due to limited data on the impervious area for multi-family residential properties, the revenues for the example rate structure does not reflect the total impervious area for multi-family residential properties. In stead of paying on a per unit basis, the total actual impervious area for the multi-family residential property would need to be determined and then the total charge would be allocated to the tenants.

8. Comparison of Other Stormwater Utilities

Based on readily available information and basic internet searches, there are three other stormwater utilities in Missouri.

8.1 Arnold, MO

The ERU basis is 1,750 square feet. The rate is \$3 per ERU. Single family residential properties are billed as 1 ERU. Non-single family residential properties are billed based on their gross square footage times their runoff coefficient divided by the ERU basis. The minimum charge for a non-single family residential property is 1 ERU

8.2 St. Louis, MO

The Metropolitan St. Louis Sewer District (MSD) oversees the stormwater management issues. Their current stormwater utility charges include a combination of fees and taxes, as follows:

- \$0.24 per month for all accounts receiving wastewater bills
- \$0.07 tax for every \$100 of assessed value within the District
- \$0.10 tax for every \$100 of assessed value within sub-districts

The MSD recognizes that this fee structure is inequitable and is in the process of implementing a more equitable rate structure. The ERU basis will be 2,500 square feet and the residential rate for 2008 is proposed at \$3 per month and increase to \$4.76 per month.

8.3 Kansas City, MO

Kansas City uses a runoff unit (RU) basis of 500 square feet and the fee is \$0.38/RU/month. So if a property has 2,900 square feet of runoff surface (5.8 or 6 RUs), the monthly fee would be \$2.10 (i.e., 6 RUs * \$0.38).

Attachment A—Baseline Financial Data

Storm Water Utility Fund

	Actual FY 2006	Budget FY 2007	Estimated FY 2007	Adopted FY 2008
OPERATING REVENUES:				
User Charges	\$ 1,582,718	\$ 1,429,500	\$ 1,390,000	\$ 1,405,000
Total Operating Revenues	1,582,718	1,429,500	1,390,000	1,405,000
OPERATING EXPENSES:				
Personnel Services	640,134	728,689	699,754	751,529
Supplies & Materials	82,542	169,621	145,965	174,775
Travel & Training	2,171	3,365	3,113	3,365
Intragovernmental Charges	141,660	181,839	181,839	208,416
Utilities, Services & Other Misc.	83,103	199,736	156,122	201,425
Total Operating Expenses	949,610	1,283,250	1,186,793	1,339,510
OPERATING INCOME (LOSS) BEFORE DEPRECIATION				
	633,108	146,250	203,207	65,490
Depreciation	(348,398)	(344,000)	(390,000)	(390,000)
OPERATING INCOME	284,710	(197,750)	(186,793)	(324,510)
NON-OPERATING REVENUES:				
Investment Revenue	130,602	135,000	119,385	120,000
Rev. from other governmental units	33,801	34,815	149,384	35,859
Misc. Non-Operating Revenue	28,853	33,250	33,250	31,000
Total Non-Operating Revenues	193,256	203,065	302,019	186,859
NON-OPERATING EXPENSES:				
Loss On Disposal Assets	17,556	0	0	0
Total Non-Operating Expenses	17,556	0	0	0
OPERATING TRANSFERS:				
Operating Transfers From Other Fds.	0	81,250	81,250	0
Operating Transfers To Other Funds	(221,287)	0	0	0
Total Operating Transfers	(221,287)	81,250	81,250	0
Capital Contribution	0	80,000	91,601	0
NET INCOME (LOSS)	239,123	166,565	288,077	(137,651)
Amortization of Contributions	0	0	0	0
NET INCOME/(LOSS) TRANSFERRED TO FUND EQUITY	239,123	166,565	288,077	(137,651) ~
Fund Equity, Beg. of Year	9,722,080	9,961,203	9,961,203	10,249,280
FUND EQUITY END OF YEAR	\$ 9,961,203	\$ 10,127,768	\$ 10,249,280	\$ 10,111,629

~ Net income is negative; however, Total Resources Provided By Operations, Transfers and Subsidies is positive.

Storm Water Utility Fund

	Actual FY 2006	Budget FY 2007	Estimated FY 2007	Adopted FY 2008
STATEMENT OF CHANGE IN FINANCIAL POSITION				
FINANCIAL RESOURCES PROVIDED BY:				
OPERATIONS:				
Net Income (Loss)	\$ 239,123	\$ 166,565	\$ 288,077	\$ (137,651)
EXPENSES NOT REQUIRING WORKING CAPITAL:				
Depreciation	348,398	344,000	390,000	390,000
TOTAL RESOURCES PROVIDED BY OPERATIONS	<u>587,521</u>	<u>510,565</u>	<u>678,077</u>	<u>252,349</u>
OTHER SOURCES:				
Municipal Contributions	0	0	0	0
Total Other Sources	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
FINANCIAL RESOURCES WERE USED FOR:				
Acquisition of Fixed Assets	1,116,212	970,187	1,087,770	863,000
Increase/(Decrease) in Restricted Assets	(127,282)	0	(1,502,690)	0
Equity Transfer	0	0	0	0
Total Uses	<u>988,930</u>	<u>970,187</u>	<u>(414,920)</u>	<u>863,000</u>
NET INCREASE (DECREASE) IN WORKING CAPITAL	<u>(401,409)</u>	<u>(459,622)</u>	<u>1,092,997</u>	<u>(610,651)</u>
Working Capital Beginning of Year	1,389,599	720,868	988,190	2,081,187
WORKING CAPITAL END OF YEAR	<u>\$ 988,190</u>	<u>\$ 261,246</u>	<u>\$ 2,081,187</u>	<u>\$ 1,470,536</u>

DEPARTMENT DESCRIPTION

The Storm Water Utility operates through funding approved by voters in April of 1993. Funding sources include development charges on new construction and Storm Water Utility charges on existing improved properties. The Storm Water Utility was established to provide funding for the implementation of storm water management projects, maintenance of existing storm water drainage facilities, and modeling of developing drainage basins with an eye toward implementation of regional detention facilities to control run off from developing areas.

DEPARTMENT OBJECTIVES

To assure the movement of emergency vehicles during storm periods, to protect the public from rapidly flowing water or flash floods, to minimize losses and property damage resulting from uncontrolled storm water runoff, and establish requirements for construction of storm water management facilities in newly developed areas.

APPROPRIATIONS

	<u>Actual FY 2006</u>	<u>Budget FY 2007</u>	<u>Estimated FY 2007</u>	<u>Adopted FY 2008</u>	<u>Percent Change</u>
Personnel Services	\$ 644,449	\$ 728,689	\$ 699,754	\$ 851,083	16.8%
Supplies & Materials	86,333	169,621	145,965	174,775	3.0%
Travel & Training	2,171	3,365	3,113	3,365	0.0%
Intragovernmental Charges	141,660	181,839	181,839	208,416	14.6%
Utilities, Services & Misc.	1,220,926	1,255,106	1,211,492	774,871	(38.3%)
Capital	5,396	32,787	32,400	190,000	479.5%
Other	352,862	344,000	390,000	390,000	13.4%
Total	2,453,797	2,715,407	2,664,563	2,592,510	(4.5%)
Summary					
Operating Expenses	949,610	1,283,250	1,186,793	1,339,510	4.4%
Non-Operating Expenses	370,418	344,000	390,000	390,000	13.4%
Debt Service	0	0	0	0	
Capital Additions	0	32,787	32,400	190,000	479.5%
Capital Projects	1,133,769	1,055,370	1,055,370	673,000	(36.2%)
Total Expenses	\$ 2,453,797	\$ 2,715,407	\$ 2,664,563	\$ 2,592,510	(4.5%)

AUTHORIZED PERSONNEL

	<u>Actual FY 2006</u>	<u>Budget FY 2007</u>	<u>Estimated FY 2007</u>	<u>Adopted FY 2008</u>	<u>Position Changes</u>
Administration/Engineering	5.43	5.96	6.80	7.46	0.66
Field Operations	5.00	5.00	5.00	5.00	
Total Personnel	10.43	10.96	11.80	12.46	0.66
Permanent Full-Time	10.43	10.96	11.80	12.46	0.66
Permanent Part-Time	0.00	0.00	0.00	0.00	
Total Permanent	10.43	10.96	11.80	12.46	0.66

PERFORMANCE MEASUREMENTS / SERVICE INDICATORS

	Actual FY 2006	Budget FY 2007	Estimated FY 2008
No. of Programmed Projects from Engineering Division	4	5	4
No. of Feet of Drainage Improvement	246	350	246
No. of Unscheduled Projects Completed	99	10	99
No. of Problem Investigations	193	140	193
No. of Inlets Rebuilt/Repaired	23	18	23

COMPARATIVE DATA

	Columbia, MO	Springfield, MO (2)	Indepen- dence, MO (1)	Joplin, MO	Ames, IA
Population	96,093	149,535	108,410	48,227	53,210
Number of Employees	5	7	13	4	2.5
Employees Per 1,000 Population	0.052	0.047	0.120	0.083	0.047
Drainage Area Served (sq. mi.)	59	80	78	50	25
Budget (thousands)	1,100	600	1,471	350	351

(1) Independence # of employees - 13 FTE - 1 Contract Storm Water Manager
 (2) Springfield # of employees - 6 FTE - 1 Contract Storm Water Manager
 * Includes both maintenance and storm water permit activities

DESCRIPTION

The purpose of the Storm Water Utility is to assure the movement of emergency vehicles during storm periods, to protect the public from rapidly flowing water or flash floods, to minimize losses and property damage resulting from uncontrolled storm water run off, and establish requirements for construction of storm water management facilities in newly developed areas.

HIGHLIGHTS / SIGNIFICANT CHANGES

Public Works continues to work through the design and construction of a long list of Storm water Management projects such as West Boulevard/Marygene drainage and Greenwood/Stewart Phase I, the Flat Branch RCB manhole access were completed this year.

Projects currently in final design include Brandon Road Culvert, Maupin/Edgewood, Rutledge/Weymeyer, Middlebush Culvert replacement, Primrose Drainage and RCB access project. Projects in preliminary design include Quail Drive, Vandiver/Sylvan, Greenwood/Stewart Phase II.

The City continues to provide assistance to citizens with storm water concerns such as: structure flooding, street flooding, and erosion problems. In fiscal year 2007, the City has responded to 113 calls for help, advice on yard grading, maintenance and alternative storm water management practices.

Some concerns indicate the need for maintenance by the City or the scheduling of a Capital Improvement Project.

The City also continues to provide education and outreach on storm water quality Phase II Storm water permit. The City now provides office space for the Boone County education and outreach coordinator and both the City and County work closely in order to maximize the effectiveness of both.

BUDGET DETAIL

	Actual FY 2006	Budget FY 2007	Estimated FY 2007	Adopted FY 2008	Percent Change
Personnel Services	\$ 392,936	\$ 463,758	\$ 434,762	\$ 477,636	3.0%
Supplies and Materials	14,826	25,056	24,270	21,021	(16.1%)
Travel and Training	2,163	2,300	2,113	2,300	0.0%
Intragovernmental Charges	134,634	174,510	174,510	196,677	12.7%
Utilities, Services, & Misc.	49,495	49,192	38,863	50,621	2.9%
Capital	0	3,400	3,400	0	(100.0%)
Other	4,464	0	0	0	
Total	\$ 598,518	\$ 718,216	\$ 677,918	\$ 748,255	4.2%

AUTHORIZED PERSONNEL

	Actual FY 2006	Budget FY 2007	Estimated FY 2007	Adopted FY 2008	Position Changes
5122 - Mgr of Environmental Svc	0.00	0.00	0.34	0.34	
5111/5099 - Eng. Specialist I/Engr. I	0.00	1.66	2.16	0.50	(1.66)
5110/5100 - Eng. Specialist II/Engr. II'	0.00	0.00	0.00	1.66	1.66
5101 - Civil Engineer I	1.33	0.00	0.00	0.00	
5004 - Engineering Aide IV*	2.00	2.00	2.00	2.33	0.33
5003 - Engineering Aide III*	2.00	2.00	2.00	2.33	0.33
4802 - Public Information Specialist	0.00	0.20	0.20	0.20	
4502 - Senior Rates Analyst	0.00	0.10	0.10	0.10	
4201 - Financial Mgmt Spec.	0.10	0.00	0.00	0.00	
Total Personnel	5.43	5.96	6.80	7.46	0.66
Permanent Full-Time	5.43	5.96	6.80	7.46	0.66
Permanent Part-Time	0.00	0.00	0.00	0.00	
Total Permanent	5.43	5.96	6.80	7.46	0.66

*In FY 2008 a portion of these positions are funded in the Capital Improvements Plan (CIP).

DESCRIPTION

The Storm Water Utility - Field Operations is responsible for maintaining and repairing existing facilities and constructing small storm water projects (less than \$200,000).

HIGHLIGHTS / SIGNIFICANT CHANGES

Field Operations continues to work on identified problem areas in public right-of-way with the highest priority given to flooding of homes and major streets in accordance with the approved Storm Water Utility Plan.

BUDGET DETAIL

	<u>Actual FY 2006</u>	<u>Budget FY 2007</u>	<u>Estimated FY 2007</u>	<u>Adopted FY 2008</u>	<u>Percent Change</u>
Personnel Services	\$ 247,198	\$ 264,931	\$ 264,992	\$ 273,893	3.4%
Supplies and Materials	67,716	144,565	121,695	153,754	6.4%
Travel and Training	8	1,065	1,000	1,065	0.0%
Intragovernmental Charges	7,026	7,329	7,329	11,739	60.2%
Utilities, Services, & Misc.	51,164	150,544	117,259	150,804	0.2%
Capital	0	29,387	29,000	190,000	546.5%
Other	348,398	344,000	390,000	390,000	13.4%
Total	\$ 721,510	\$ 941,821	\$ 931,275	\$ 1,171,255	24.4%

AUTHORIZED PERSONNEL

	<u>Actual FY 2006</u>	<u>Budget FY 2007</u>	<u>Estimated FY 2007</u>	<u>Adopted FY 2008</u>	<u>Position Changes</u>
2310 - Public Works Supervisor II	1.00	1.00	1.00	1.00	
2300 - Equipment Operator II	3.00	3.00	3.00	3.00	
2299 - Equipment Operator I	1.00	1.00	1.00	1.00	
Total Personnel	5.00	5.00	5.00	5.00	
Permanent Full-Time	5.00	5.00	5.00	5.00	
Permanent Part-Time	0.00	0.00	0.00	0.00	
Total Permanent	5.00	5.00	5.00	5.00	

MAJOR PROJECTS

Work will be underway on storm drainage improvements in the Harvard Drainage, Lawrence Place, Mill Mill Creek Detention Study, Royal Lytham-Fallwood and Rustic Road RCB.

FISCAL IMPACT

None

BUDGET DETAIL

	Actual FY 2006	Budget FY 2007	Estimated FY 2007	Adopted FY 2008	Percent Change
Personnel Services	\$ 4,315	\$ 0	\$ 0	99,554	
Supplies and Materials	3,791	0	0	0	
Travel and Training	0	0	0	0	
Intragovernmental Charges	0	0	0	0	
Utilities, Services, & Misc.	1,120,267	1,055,370	1,055,370	573,446	(45.7%)
Capital	5,396	0	0	0	
Other	0	0	0	0	
Total	\$ 1,133,769	\$ 1,055,370	\$ 1,055,370	673,000	(36.2%)

Storm Water Utility Fund

	Actual FY 2005	Budget FY 2006	Estimated FY 2006	Adopted FY 2007
OPERATING REVENUES:				
User Charges	\$ 1,503,957	\$ 1,329,500	\$ 1,500,000	\$ 1,429,500
Total Operating Revenues	1,503,957	1,329,500	1,500,000	1,429,500
OPERATING EXPENSES:				
Personnel Services	599,598	665,711	624,179	722,342
Supplies & Materials	79,656	126,850	106,680	166,124
Travel & Training	1,560	3,350	3,385	3,365
Intragovernmental Charges	126,194	143,674	143,674	180,368
Utilities, Services & Other Misc.	147,459	170,759	172,094	199,403
Total Operating Expenses	954,467	1,110,344	1,050,012	1,271,602
OPERATING INCOME (LOSS) BEFORE DEPRECIATION				
	549,490	219,156	449,988	157,898
Depreciation	(318,826)	(316,641)	(344,928)	(344,000)
OPERATING INCOME	230,664	(97,485)	105,060	(186,102)
NON-OPERATING REVENUES:				
Rev. from other governmental units	16,037	33,801	33,801	34,815
Investment Revenue	90,646	95,000	100,628	135,000
Misc. Non-Operating Revenue	82,677	50,000	20,000	33,250
Total Non-Operating Revenues	189,360	178,801	154,429	203,065
NON-OPERATING EXPENSES:				
Loss On Disposal Assets	4,551	0	5,281	0
Total Non-Operating Expenses	4,551	0	5,281	0
OPERATING TRANSFERS:				
Operating Transfers From Other Fds.	130,000	0	0	81,250
Operating Transfers To Other Funds	(7,814)	(4,464)	(172,245)	0
Total Operating Transfers	122,186	(4,464)	(172,245)	81,250
Capital Contribution	198,613	76,500	76,500	80,000
NET INCOME (LOSS)	736,272	153,352	158,463	178,213
Amortization of Contributions	0	0	0	0
NET INCOME/(LOSS) TRANSFERRED TO RETAINED EARNINGS	736,272	153,352	158,463	178,213
Retained Earnings, Beg. of Year	7,628,662	8,049,814	8,364,934	8,523,397
RETAINED EARNINGS END OF YEAR	\$ 8,364,934	\$ 8,203,166	\$ 8,523,397	\$ 8,701,610

Storm Water Utility Fund

	Actual FY 2005	Budget FY 2006	Estimated FY 2006	Adopted FY 2007
STATEMENT OF CHANGE IN FINANCIAL POSITION				
FINANCIAL RESOURCES PROVIDED BY:				
OPERATIONS:				
Net Income (Loss)	\$ 736,272	\$ 153,352	\$ 158,463	\$ 178,213
EXPENSES NOT REQUIRING WORKING CAPITAL:				
Depreciation	318,826	316,641	344,928	344,000
TOTAL RESOURCES PROVIDED BY OPERATIONS	<u>1,055,098</u>	<u>469,993</u>	<u>503,391</u>	<u>522,213</u>
OTHER SOURCES:				
Municipal Contributions	0	0	0	0
Total Other Sources	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
FINANCIAL RESOURCES WERE USED FOR:				
Acquisition of Fixed Assets	1,015,667	1,159,520	1,172,122	970,187
Increase/(Decrease) in Restricted Assets	(278,913)	0	0	0
Equity Transfer	0	0	0	0
Total Uses	<u>736,754</u>	<u>1,159,520</u>	<u>1,172,122</u>	<u>970,187</u>
NET INCREASE (DECREASE) IN WORKING CAPITAL	<u>318,344</u>	<u>(689,527)</u>	<u>(668,731)</u>	<u>(447,974)</u>
Working Capital Beginning of Year	1,071,255	971,955	1,389,599	720,868
WORKING CAPITAL END OF YEAR	<u>\$ 1,389,599</u>	<u>\$ 282,428</u>	<u>\$ 720,868</u>	<u>\$ 272,894</u>

DEPARTMENT DESCRIPTION

The Storm Water Utility operates through funding approved by voters in April of 1993. Funding sources include development charges on new construction and Storm Water Utility charges on existing improved properties. The Storm Water Utility was established to provide funding for the implementation of storm water management projects, maintenance of existing storm water drainage facilities, and modeling of developing drainage basins with an eye toward implementation of regional detention facilities to control run off from developing areas.

DEPARTMENT OBJECTIVES

To assure the movement of emergency vehicles during storm periods, to protect the public from rapidly flowing water or flash floods, to minimize losses and property damage resulting from uncontrolled storm water runoff, and establish requirements for construction of storm water management facilities in newly developed areas.

APPROPRIATIONS

	<u>Actual FY 2005</u>	<u>Budget FY 2006</u>	<u>Estimated FY 2006</u>	<u>Adopted FY 2007</u>	<u>Percent Change</u>
Personnel Services	\$ 616,415	\$ 665,711	\$ 624,179	\$ 722,342	8.5%
Supplies & Materials	85,381	126,850	106,680	166,124	31.0%
Travel & Training	1,560	3,350	3,385	3,365	0.4%
Intragovernmental Charges	126,194	143,674	143,674	180,368	25.5%
Utilities, Services & Misc.	1,015,890	1,318,881	1,325,497	1,140,203	(13.5%)
Capital	191,475	24,400	24,000	29,387	20.4%
Other	326,640	321,105	517,173	344,000	7.1%
Total	2,363,555	2,603,971	2,744,588	2,585,789	(0.7%)
Summary					
Operating Expenses	954,467	1,110,344	1,050,012	1,271,602	14.5%
Non-Operating Expenses	331,191	321,105	522,454	344,000	7.1%
Debt Service	0	0	0	0	
Capital Additions	191,475	24,400	24,000	29,387	20.4%
Capital Projects	886,422	1,148,122	1,148,122	940,800	(18.1%)
Total Expenses	\$ 2,363,555	\$ 2,603,971	\$ 2,744,588	\$ 2,585,789	(0.7%)

AUTHORIZED PERSONNEL

	<u>Actual FY 2005</u>	<u>Budget FY 2006</u>	<u>Estimated FY 2006</u>	<u>Adopted FY 2007</u>	<u>Position Changes</u>
Administration/Engineering	5.43	5.43	5.43	5.96	0.53
Field Operations	5.00	5.00	5.00	5.00	
Total Personnel	10.43	10.43	10.43	10.96	0.53
Permanent Full-Time	10.43	10.43	10.43	10.96	0.53
Permanent Part-Time	0.00	0.00	0.00	0.00	
Total Permanent	10.43	10.43	10.43	10.96	0.53

PERFORMANCE MEASUREMENTS / SERVICE INDICATORS

	Actual FY 2005	Budget FY 2006	Estimated FY 2007
No. of Programmed Projects from Engineering Division	5	4	5
No. of Feet of Drainage Improvement	295.5	350	350
No. of Unscheduled Projects Completed	10	10	10
No. of Problem Investigations	62	175	140
No. of Inlets Rebuilt/Repaired	14	20	18

COMPARATIVE DATA

	Columbia, MO	Springfield, MO (2)	Independence, MO (1)	Joplin, MO	Ames, IA
Population	94,645	149,738	109,373	47,780	53,482
Number of Employees	5	7	14	6	2.5
Employees Per 1,000 Population	0.053	0.047	0.128	0.126	0.047
Drainage Area Served (sq. mi.)	59	80	78	35	25
Budget (thousands)	1,100	600	1,471	1,900	351
(1) Independence # of employees - 13 FTE - 1 Contract Storm Water Manager					
(2) Springfield # of employees - 6 FTE - 1 Contract Storm Water Manager					

DESCRIPTION

The purpose of the Storm Water Utility is to assure the movement of emergency vehicles during storm periods, to protect the public from rapidly flowing water or flash floods, to minimize losses and property damage resulting from uncontrolled storm water run off, and establish requirements for construction of storm water management facilities in newly developed areas.

HIGHLIGHTS / SIGNIFICANT CHANGES

Public Works continues to work through the design and construction of a long list of capital improvement projects. Storm Water Management projects such as Paris and Ann Drainage, Woodside-Nazarene Drainage, Concordia Drainage, Rock Quarry Road Culverts and the second phase of Maryland/Richmond/Kentucky (near Stadium and Providence) were constructed this past fiscal year. Projects currently under construction include West Boulevard Mary Gene drainage and Greenwood/Stewart Phase I. Projects currently in final design include Brandon Road Culvert, Maupin/Edgewood, Rutledge/Weymeyer, Middlebush Culvert Replacement and the Flat Branch RCB access project. Projects in preliminary design include Quail Drive, Vandiver/Sylvan, Greenwood Stewart Phase II.

The City continues to provide assistance to citizens with storm water concerns such as: structure flooding, street flooding and erosion problems. In calendar year 2005, the City responded to 235 calls for help. Advice on yard grading, maintenance and alternative storm water management practices is provided. Some concerns indicate the need for maintenance by the City or the scheduling of a Capital Improvement Project.

The City also continues to provide education and outreach on storm water quality issues in accordance with the EPA Phase II Storm Water Permit. The City now provides office space for the Boone County education and outreach coordinator and both the City and County work closely in order to maximize the effectiveness of both.

BUDGET DETAIL

	Actual FY 2005	Budget FY 2006	Estimated FY 2006	Adopted FY 2007	Percent Change
Personnel Services	\$ 340,048	\$ 402,387	\$ 374,373	\$ 457,411	13.7%
Supplies and Materials	17,230	13,390	20,710	21,559	61.0%
Travel and Training	1,560	2,285	2,835	2,300	0.7%
Intragovernmental Charges	117,386	136,648	136,648	173,039	26.6%
Utilities, Services, & Misc.	98,199	48,444	54,086	48,859	0.9%
Capital	0	0	0	0	
Other	7,814	4,464	172,245	0	(100.0%)
Total	\$ 582,237	\$ 607,618	\$ 760,897	\$ 703,168	15.7%

AUTHORIZED PERSONNEL

	Actual FY 2005	Budget FY 2006	Estimated FY 2006	Adopted FY 2007	Position Changes
5111/5099 - Eng. Spec I/Engr. I	0.00	0.00	0.00	1.66	1.66
5101 - Civil Engineer I	1.33	1.33	1.33	0.00	(1.33)
5004 - Engineering Aide IV	2.00	2.00	2.00	2.00	
5003 - Engineering Aide III	2.00	2.00	2.00	2.00	
5002 - Engineering Aide II*	0.00	0.00	0.00	0.00	
4802 - Public Information Specialist	0.00	0.00	0.00	0.20	0.20
4502 - Senior Rates Analyst	0.00	0.00	0.00	0.10	0.10
4201 - Financial Mgmt Spec.	0.10	0.10	0.10	0.00	(0.10)
Total Personnel	5.43	5.43	5.43	5.96	0.53
Permanent Full-Time	5.43	5.43	5.43	5.96	0.53
Permanent Part-Time	0.00	0.00	0.00	0.00	
Total Permanent	5.43	5.43	5.43	5.96	0.53

All Civil Engineer II and I titles changed to Engineering Specialists II and I.
Financial Management Specialist reclassified to a Senior Rates Analyst.

DESCRIPTION

The Storm Water Utility - Field Operations is responsible for maintaining and repairing existing facilities and constructing small storm water projects (less than \$200,000).

HIGHLIGHTS / SIGNIFICANT CHANGES

Field Operations continues to work on identified problem areas in public right-of-way with the highest priority given to flooding of homes and major streets in accordance with the approved Storm Water Utility Plan.

BUDGET DETAIL

	Actual FY 2005	Budget FY 2006	Estimated FY 2006	Adopted FY 2007	Percent Change
Personnel Services	\$ 259,550	\$ 263,324	\$ 249,806	\$ 264,931	0.6%
Supplies and Materials	62,426	113,460	85,970	144,565	27.4%
Travel and Training	0	1,065	550	1,065	0.0%
Intragovernmental Charges	8,808	7,026	7,026	7,329	4.3%
Utilities, Services, & Misc.	53,811	122,315	123,289	150,544	23.1%
Capital	191,475	24,400	24,000	29,387	20.4%
Other	318,826	316,641	344,928	344,000	8.6%
Total	\$ 894,896	\$ 848,231	\$ 835,569	\$ 941,821	11.0%

AUTHORIZED PERSONNEL

	Actual FY 2005	Budget FY 2006	Estimated FY 2006	Adopted FY 2007	Position Changes
2310 - Public Works Supervisor II	1.00	1.00	1.00	1.00	
2300 - Equipment Operator II	3.00	3.00	3.00	3.00	
2299 - Equipment Operator I	1.00	1.00	1.00	1.00	
Total Personnel	5.00	5.00	5.00	5.00	
Permanent Full-Time	5.00	5.00	5.00	5.00	
Permanent Part-Time	0.00	0.00	0.00	0.00	
Total Permanent	5.00	5.00	5.00	5.00	

MAJOR PROJECTS

Work will be underway on storm drainage improvements in the Maupin/Edgewood, Rutledge/Weymeyer, Quail Drive Vandiver/Sylvan, and Phase II of Greenwood/Stewart areas. In addition, culvert replacements will be underway at Brandon Road and the Middlebush area.

FISCAL IMPACT

None

BUDGET DETAIL

	Actual FY 2005	Budget FY 2006	Estimated FY 2006	Adopted FY 2007	Percent Change
Personnel Services	\$ 16,817	\$ 0	\$ 0	\$ 0	
Supplies and Materials	5,725	0	0	0	
Travel and Training	0	0	0	0	
Intragovernmental Charges	0	0	0	0	
Utilities, Services, & Misc.	863,880	1,148,122	1,148,122	940,800	(18.1%)
Capital	0	0	0	0	
Other	0	0	0	0	
Total	\$ 886,422	\$ 1,148,122	\$ 1,148,122	\$ 940,800	(18.1%)

Storm Water Utility Fund

	Actual FY 2004	Budget FY 2005	Estimated FY 2005	Adopted FY 2006
OPERATING REVENUES:				
User Charges	\$ 1,389,683	\$ 1,115,000	\$ 1,325,000	\$ 1,329,500
Total Operating Revenues	1,389,683	1,115,000	1,325,000	1,329,500
OPERATING EXPENSES:				
Personnel Services	446,831	599,334	592,634	636,097
Supplies & Materials	92,831	168,424	155,240	149,250
Travel & Training	1,193	3,250	1,939	3,350
Intragovernmental Charges	119,461	126,198	126,198	141,487
Utilities, Services & Other Misc.	119,850	167,194	104,529	170,759
Total Operating Expenses	780,166	1,064,400	980,540	1,100,943
OPERATING INCOME (LOSS) BEFORE DEPRECIATION				
	609,517	50,600	344,460	228,557
Depreciation	(262,149)	(268,000)	(316,641)	(316,641)
OPERATING INCOME	347,368	(217,400)	27,819	(88,084)
NON-OPERATING REVENUES:				
Rev. from other governmental units	0	13,700	13,700	0
Investment Revenue	63,085	75,000	95,500	95,000
Misc. Non-Operating Revenue	54,650	66,500	66,500	50,000
Total Non-Operating Revenues	117,735	155,200	175,700	145,000
NON-OPERATING EXPENSES:				
Loss On Disposal Assets	0	0	4,551	0
Total Non-Operating Expenses	0	0	4,551	0
OPERATING TRANSFERS:				
Operating Transfers From Other Fds.	0	130,000	130,000	0
Operating Transfers To Other Funds	0	(7,814)	(7,814)	(4,464)
Total Operating Transfers	0	122,186	122,186	(4,464)
Capital Contribution	435,392	75,000	100,000	76,500
NET INCOME (LOSS)	900,495	134,986	421,154	128,952
Amortization of Contributions	0	0	0	0
NET INCOME/(LOSS) TRANSFERRED TO RETAINED EARNINGS	900,495	134,986	421,154	128,952
Retained Earnings, Beg. of Year	6,728,165	7,216,842	7,628,660	8,049,814
RETAINED EARNINGS END OF YEAR	\$ 7,628,660	\$ 7,351,828	\$ 8,049,814	\$ 8,178,766

Storm Water Utility Fund

	Actual FY 2004	Budget FY 2005	Estimated FY 2005	Adopted FY 2006
STATEMENT OF CHANGE IN FINANCIAL POSITION				
FINANCIAL RESOURCES PROVIDED BY:				
OPERATIONS:				
Net Income (Loss)	\$ 900,495	\$ 134,986	\$ 421,154	\$ 128,952
EXPENSES NOT REQUIRING WORKING CAPITAL:				
Depreciation	262,149	268,000	316,641	316,641
TOTAL RESOURCES PROVIDED BY OPERATIONS	<u>1,162,644</u>	<u>402,986</u>	<u>737,795</u>	<u>445,593</u>
OTHER SOURCES:				
Municipal Contributions	0	0	0	0
Total Other Sources	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
FINANCIAL RESOURCES WERE USED FOR:				
Acquisition of Fixed Assets	345,474	631,321	837,093	1,115,000
Increase/(Decrease) in Restricted Assets	689,722	0	0	0
Equity Transfer	0	0	0	0
Total Uses	<u>1,035,196</u>	<u>631,321</u>	<u>837,093</u>	<u>1,115,000</u>
NET INCREASE (DECREASE) IN WORKING CAPITAL	<u>127,448</u>	<u>(228,335)</u>	<u>(99,298)</u>	<u>(669,407)</u>
Working Capital Beginning of Year	943,805	877,030	1,071,253	971,955
WORKING CAPITAL END OF YEAR	<u>\$ 1,071,253</u>	<u>\$ 648,695</u>	<u>\$ 971,955</u>	<u>\$ 302,548</u>

DEPARTMENT DESCRIPTION

The Storm Water Utility operates through funding approved by voters in April of 1993. Funding sources include development charges on new construction and Storm Water Utility charges on existing improved properties. The Storm Water Utility was established to provide funding for the implementation of storm water management projects, maintenance of existing storm water drainage facilities, and modeling of developing drainage basins with an eye toward implementation of regional detention facilities to control run off from developing areas.

DEPARTMENT OBJECTIVES

To assure the movement of emergency vehicles during storm periods, to protect the public from rapidly flowing water or flash floods, to minimize losses and property damage resulting from uncontrolled storm water runoff, and establish requirements for construction of storm water management facilities in newly developed areas.

APPROPRIATIONS

	Actual FY 2004	Budget FY 2005	Estimated FY 2005	Adopted FY 2006	Percent Change
Personnel Services	\$ 463,082	\$ 599,334	\$ 592,634	\$ 636,097	6.1%
Supplies & Materials	93,697	168,424	155,240	149,250	(11.4%)
Travel & Training	1,193	3,250	1,939	3,350	3.1%
Intragovernmental Charges	119,461	126,198	126,198	141,487	12.1%
Utilities, Services & Misc.	444,532	834,380	776,266	1,285,759	54.1%
Capital	3,674	185,135	169,907	0	(100.0%)
Other	262,149	275,814	324,455	321,105	16.4%
Total	1,387,788	2,192,535	2,146,639	2,537,048	15.7%
Summary					
Operating Expenses	780,166	1,064,400	980,540	1,100,943	3.4%
Non-Operating Expenses	262,149	275,814	329,006	321,105	16.4%
Debt Service	0	0	0	0	
Capital Additions	0	185,135	169,907	0	(100.0%)
Capital Projects	345,473	667,186	667,186	1,115,000	67.1%
Total Expenses	\$ 1,387,788	\$ 2,192,535	\$ 2,146,639	\$ 2,537,048	15.7%

AUTHORIZED PERSONNEL

	Actual FY 2004	Budget FY 2005	Estimated FY 2005	Adopted FY 2006	Position Changes
Administration/Engineering	3.93	5.43	5.43	5.43	
Field Operations	5.00	5.00	5.00	5.00	
Total Personnel	8.93	10.43	10.43	10.43	
Permanent Full-Time	8.93	10.43	10.43	10.43	
Permanent Part-Time	0.00	0.00	0.00	0.00	
Total Permanent	8.93	10.43	10.43	10.43	

PERFORMANCE MEASUREMENTS / SERVICE INDICATORS

	Actual FY 2004	Budget FY 2005	Estimated FY 2006
No. of Programmed Projects from Engineering Division	6	4	4
No. of Feet of Drainage Improvement	475	350	350
No. of Unscheduled Projects Completed	5	10	10
No. of Problem Investigations	200	175	175
No. of Inlets Rebuilt/Repaired	20	20	20

COMPARATIVE DATA

	Columbia, MO	Springfield, MO	Independence, MO	Joplin, MO	Ames, IA
Population	90,967	150,060	109,923	47,463	53,094
Number of Employees	5	6	13	DID	2
Employees Per 1,000 Population	0.055	0.040	0.118	NOT	0.038
Drainage Area Served (sq. mi.)	59	80	78	RESPOND	6
Budget (thousands)	1,050	600	1,500		213

DESCRIPTION

The purpose of the Storm Water Utility is to assure the movement of emergency vehicles during storm periods, to protect the public from rapidly flowing water or flash floods, to minimize losses and property damage resulting from uncontrolled storm water run off, and establish requirements for construction of storm water management facilities in newly developed areas.

HIGHLIGHTS / SIGNIFICANT CHANGES

Public Works continues to work through the design and construction of a long list of capital improvement projects. Storm Water projects such as Rollins & Rothwell, Third & Garth, were constructed during this past year. Projects currently under construction include: Maryland/Richmond, Merideth Branch Detention Basin, and Paris & Ann drainage. Projects which are in Right of Way negotiation and will be bid after the easements are obtained include: West Boulevard & Mary Gene, Woodside/Nazarine, Concordia Drainage, and Maupin/Edgewood. Projects in the final design stage include: Rock Quarry Road Culverts, Rutledge/Weymeyer, and the Flat Branch RCB access project. Upcoming storm water projects which are in the preliminary stage include: Quail Drive, Brandon Road and Greenwood/Stewart.

The City continues to provide assistance to citizens with storm water concerns such as: structure flooding, street flooding and yard flooding. Assistance is provided such as advice regarding yard grading and maintenance of drainage ways, as well as the design of storm water facilities. Some types of solutions qualify for jointly funded or city funded projects.

The Public Education and Outreach aspect of the City's EPA Phase II Storm Water Permit has been successfully moved into the Public Works Department with the hiring of the Storm Water Educator position. The Education and Outreach had previously been contracted through the University of Missouri.

BUDGET DETAIL

	Actual FY 2004	Budget FY 2005	Estimated FY 2005	Adopted FY 2006	Percent Change
Personnel Services	\$ 212,969	\$ 348,115	\$ 340,633	\$ 372,773	7.1%
Supplies and Materials	18,830	34,091	30,295	11,390	(66.6%)
Travel and Training	1,193	2,185	939	2,285	4.6%
Intragovernmental Charges	110,018	117,385	117,385	134,461	14.5%
Utilities, Services, & Misc.	66,520	26,223	25,171	28,444	8.5%
Capital	0	0	0	0	
Other	0	7,814	7,814	4,464	(42.9%)
Total	\$ 409,530	\$ 535,813	\$ 522,237	\$ 553,817	3.4%

AUTHORIZED PERSONNEL

	Actual FY 2004	Budget FY 2005	Estimated FY 2005	Adopted FY 2006	Position Changes
5101 - Civil Engineer I	1.33	1.33	1.33	1.33	
5004 - Engineering Aide IV	0.00	2.00	2.00	2.00	
5003 - Engineering Aide III	1.50	2.00	2.00	2.00	
5002 - Engineering Aide II*	1.00	0.00	0.00	0.00	
4201 - Financial Mgmt Spec.	0.10	0.10	0.10	0.10	
Total Personnel	3.93	5.43	5.43	5.43	
Permanent Full-Time	3.93	5.43	5.43	5.43	
Permanent Part-Time	0.00	0.00	0.00	0.00	
Total Permanent	3.93	5.43	5.43	5.43	

*In FY 2005 the position was reclassified to an Engineering Aide IV.

DESCRIPTION

The Storm Water Utility - Field Operations is responsible for maintaining and repairing existing facilities and constructing small storm water projects (less than \$200,000).

HIGHLIGHTS / SIGNIFICANT CHANGES

Field Operations continues to work on identified problem areas in public right-of-way with the highest priority given to flooding of homes and major streets in accordance with the approved Storm Water Utility Plan.

BUDGET DETAIL

	Actual FY 2004	Budget FY 2005	Estimated FY 2005	Adopted FY 2006	Percent Change
Personnel Services	\$ 233,862	\$ 251,219	\$ 252,001	\$ 263,324	4.8%
Supplies and Materials	74,001	134,333	124,945	137,860	2.6%
Travel and Training	0	1,065	1,000	1,065	0.0%
Intragovernmental Charges	9,443	8,813	8,813	7,026	(20.3%)
Utilities, Services, & Misc.	53,330	140,971	83,909	142,315	1.0%
Capital	0	185,135	169,907	0	(100.0%)
Other	262,149	268,000	316,641	316,641	18.1%
Total	\$ 632,785	\$ 989,536	\$ 957,216	\$ 868,231	(12.3%)

AUTHORIZED PERSONNEL

	Actual FY 2004	Budget FY 2005	Estimated FY 2005	Adopted FY 2006	Position Changes
2310 - Public Works Supervisor II	1.00	1.00	1.00	1.00	
2300 - Equipment Operator II	3.00	3.00	3.00	3.00	
2299 - Equipment Operator I	1.00	1.00	1.00	1.00	
Total Personnel	5.00	5.00	5.00	5.00	
Permanent Full-Time	5.00	5.00	5.00	5.00	
Permanent Part-Time	0.00	0.00	0.00	0.00	
Total Permanent	5.00	5.00	5.00	5.00	

MAJOR PROJECTS

Work will be underway on storm drainage improvements in the Greenwood-Stewart area; Concordia Drive at Walther Court; West Boulevard and Mary Jean area. In addition, the second phase of Maryland Avenue and Richmond will be underway.

FISCAL IMPACT

None

BUDGET DETAIL

	Actual FY 2004	Budget FY 2005	Estimated FY 2005	Adopted FY 2006	Percent Change
Personnel Services	\$ 16,251	\$ 0	\$ 0	\$ 0	
Supplies and Materials	866	0	0	0	
Travel and Training	0	0	0	0	
Intragovernmental Charges	0	0	0	0	
Utilities, Services, & Misc.	324,682	667,186	667,186	1,115,000	67.1%
Capital	3,674	0	0	0	
Other	0	0	0	0	
Total	\$ 345,473	\$ 667,186	\$ 667,186	1,115,000	67.1%

Attachment B— City of Columbia Stormwater Utility Ordinance

chapter.
(Ord. No. 13374, § 1, 7-20-92)

Secs. 12A-134--12A-147. Reserved.

ARTICLE VIII.

STORMWATER UTILITY*

* **Editors Note:** This article is in full force and effect from and after October 1, 1993, and the charges hereby established shall be applied to the utility bills beginning with the first cycle billed in October, 1993.

Sec. 12A-148. Stormwater utility charge.

There is hereby established a monthly stormwater utility charge to be paid by the occupant or owner of each parcel of developed land within the city in accordance with the following table:

Category of land use	Monthly Charge
Multiple-family buildings having more than four units; single-family residences having a main floor area less than 750 sq. ft.....	\$0.65 per unit
Multiple-family buildings having four or less units; mobile homes; single-family residences having a main floor area of from 750 sq. ft. to 1,250 sq. ft.....	\$0.85 per unit
Single-family residences having a main floor area of from 1,251 sq. ft. to 2,000 sq. ft.....	\$1.15 per unit
Single-family residence having a main floor area more than 2,000 sq. ft.....	\$1.35 per unit
All non-residential uses of developed land....	\$4.00 pr \$0.04 per 100 square feet impervious area, whichever is greater.

(Ord. No. 13590 § 1, 2-15-93; Ord. No. 14212 § 1, 9-19-94)

Sec. 12A-149. Liability for charge.

The owner(s) and occupant(s) of developed land, if different, shall be jointly and severally liable for payment of the stormwater utility charge.

(Ord. No. 13590 § 1, 2-15-93)

Sec. 12A-150. Exemptions.

The stormwater utility charge shall not be imposed on the occupants or owners of streets or railroad rights-of-way.

(Ord. No. 13590 § 1, 2-15-93; Ord. No. 14249 § 1, 10-10-94)

Sec. 12A-151. Billing practices.

(a) *General.* The stormwater utility charge shall be billed by the director of finance in accordance with the provisions of this section and the accounts and billings procedures set forth in chapter 27. Except as otherwise herein provided, each city utility service customer shall be billed the stormwater utility charge for the premises where the customer receives water, electric, sewage or refuse collection utility service. Where there is no city water, electric, sewage or refuse collection utility service customer for a parcel of developed land, the stormwater utility charge shall be billed to the property owner.

(b) *Multiple-family buildings.* A stormwater utility charge shall be billed to each utility service customer having an account for an individual dwelling unit in a multiple-family building. When no customer has an account for a dwelling unit, the stormwater utility charge for that unit

shall be billed to the property owner. At the request of the property owner, the stormwater utility charge for some or all dwelling units in a multiple-family building may be billed to the property owner.

(c) *Nonresidential use.* Where there is more than one utility service customer for a parcel of land developed for a nonresidential use, the stormwater utility charge shall be billed to the property owner, except where the property owner and a tenant have agreed that the tenant shall be billed.

(Ord. No. 13590 § 1, 2-15-93)

Sec. 12A-152. Reduction of charge for approved runoff control.

The stormwater utility charge shall be reduced for the occupant or owner of nonresidential property where approved runoff control measures have been implemented, provided that all such runoff control facilities are privately owned and operated. The charge shall be reduced in proportion to the reduction in peak runoff. The director shall determine the percentage reduction in the charge, based on the ratio of peak runoff from the modified property to the peak runoff from the property without reduction in peak runoff.

(Ord. No. 13590 § 1, 2-15-93)

Sec. 12A-153. Use of stormwater utility charge revenue.

All revenue received from the stormwater utility charge shall be used solely for stormwater management purposes.

(Ord. No. 13590 § 1, 2-15-93)

Sec. 12A-154. Computing main floor area and impervious surface.

The director shall be responsible for computing the main floor area of single-family residences and the impervious surface of nonresidential uses subject to the stormwater utility charge. In making such computations, the director may rely on the accuracy of any public records.

(Ord. No. 13590 § 1, 2-15-93)

Attachment C—Baseline Financial Model Results (Existing Rates)

	HISTORICAL	HISTORICAL	HISTORICAL	UNAUDITED	ADOPTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED
Existing Rates	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19
Pro forma Beginning Balance	\$ 2,218,180	\$ 2,897,578	\$ 3,067,146	\$ 2,527,611	\$ 2,583,731	\$ 2,446,080	\$ 1,664,919	\$ 524,441	\$ (881,642)	\$ (2,345,113)	\$ (3,868,722)	\$ (5,455,344)	\$ (7,107,965)	\$ (8,829,687)	\$ (10,623,753)	\$ (12,493,542)
Operating Revenues																
From Rates	823,338	888,342	939,768	977,324	979,910	989,140	998,350	1,007,560	1,016,780	1,026,000	1,035,210	1,044,420	1,053,640	1,062,860	1,072,080	1,081,300
Other Charges	566,345	615,615	642,950	397,419	425,090	433,600	442,300	451,100	460,100	469,300	478,700	488,300	498,100	508,100	518,300	528,700
Total Operating Revenues	1,389,683	1,503,957	1,582,718	1,374,743	1,405,000	1,422,740	1,440,650	1,458,660	1,476,880	1,495,300	1,513,910	1,532,720	1,551,740	1,570,960	1,590,380	1,610,000
Operating Expenses																
Personnel Services	446,831	599,598	640,134	713,039	751,529	1,233,990	1,283,350	1,334,684	1,388,071	1,443,594	1,501,338	1,561,391	1,623,847	1,688,801	1,756,353	1,826,607
Supplies & Materials	92,831	79,656	82,542	96,517	174,775	178,271	181,836	185,473	189,182	192,966	196,825	200,762	204,777	208,872	213,050	217,311
Travel & Training	1,193	1,560	2,171	1,577	3,365	3,432	3,501	3,571	3,642	3,715	3,790	3,865	3,943	4,021	4,102	4,184
Intragovernmental Charges	119,461	126,194	141,660	180,368	208,416	216,753	225,423	234,440	243,817	253,570	263,713	274,261	285,232	296,641	308,507	320,847
Utilities, Services, & Misc.	119,848	147,459	83,103	50,844	201,425	209,482	217,861	226,576	235,639	245,064	254,867	265,062	275,664	286,691	298,158	310,085
Total Operating Expenses	780,164	954,467	949,610	1,042,345	1,339,510	1,841,928	1,911,971	1,984,743	2,060,352	2,138,909	2,220,532	2,305,341	2,393,462	2,485,026	2,580,169	2,679,033
<i>Less Non-Operating Expenses and Depreciation</i>	\$ 262,149	\$ 318,826	\$ 348,398	\$ 391,515	\$ 390,000	\$ 481,973	\$ 789,157	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Operating Income	347,370	230,664	284,710	(59,117)	(324,510)	(901,161)	(1,260,478)	(1,526,083)	(1,583,472)	(1,643,609)	(1,706,622)	(1,772,621)	(1,841,722)	(1,914,066)	(1,989,789)	(2,069,033)
Non-Operating Revenues																
Investment Revenue	63,085	90,646	130,602	143,403	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Revenue for other govt. units	-	16,037	33,801	34,815	35,859	-	-	-	-	-	-	-	-	-	-	-
Misc. Non-Operating Revenue	54,650	82,677	28,853	15,173	31,000	-	-	-	-	-	-	-	-	-	-	-
Total Non-Operating Revenues	117,735	189,360	193,256	193,391	186,859	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Non-Operating Expenses																
Loss on Disposal Assets	-	4,551	17,556	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Operating Expenses	-	4,551	17,556	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Transfers																
From Other Funds	-	130,000	-	88,090	-	-	-	-	-	-	-	-	-	-	-	-
To Other Funds	-	(7,814)	(221,287)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Transfers	-	122,186	(221,287)	88,090	-	-	-	-	-	-	-	-	-	-	-	-
<i>Capital Contribution</i>	435,392	198,613	-	132,169	-	-	-	-	-	-	-	-	-	-	-	-
Net Income (Loss)	900,497	736,272	239,123	354,533	(137,651)	(781,161)	(1,140,478)	(1,406,083)	(1,463,472)	(1,523,609)	(1,586,622)	(1,652,621)	(1,721,722)	(1,794,066)	(1,869,789)	(1,949,033)
<i>Funds Needed for CIP</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Debt Service																
Existing Series	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proposed Series	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pro forma Ending Balance	3,118,677	3,633,850	3,306,269	2,882,144	2,446,080	1,664,919	524,441	(881,642)	(2,345,113)	(3,868,722)	(5,455,344)	(7,107,965)	(8,829,687)	(10,623,753)	(12,493,542)	(14,442,575)
Statement of Cash Flow Ending Balance	2,897,578	3,067,146	2,527,611	2,583,731												
<i>Difference due to accounting for accrued income/expenses reported on the Statement of Cash Flows.</i>	221,099	566,704	778,658	298,413												

STATEMENT OF CHANGE IN FINANCIAL POSITION

	HISTORICAL	HISTORICAL	HISTORICAL	UNAUDITED	ADOPTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED
	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19
Working Capital Beginning Balance	943,805	1,071,256	1,389,600	988,190	2,263,728	1,653,577	(944,944)	(8,975,864)	(16,997,778)	(25,262,958)	(33,511,637)	(41,902,259)	(50,358,879)	(58,851,056)	(67,424,465)	(76,173,254)
Financial Resources Provided by:																
Net Income	900,497	736,272	239,123	354,533	(137,651)	(781,161)	(1,140,478)	(1,406,083)	(1,463,472)	(1,523,609)	(1,586,622)	(1,652,621)	(1,721,722)	(1,794,066)	(1,869,789)	(1,949,033)
Depreciation	262,149	318,826	348,398	391,515	390,000	481,973	789,157	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total	1,162,646	1,055,098	587,521	746,048	252,349	(299,188)	(351,321)	(406,083)	(463,472)	(523,609)	(586,622)	(652,621)	(721,722)	(794,066)	(869,789)	(949,033)
Other Source:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Resources Used for:																
Misc. Adj.	-	(57,679)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Less Loss on Disposal Assets	-	(4,551)	(17,556)	-	-	-	-	-	-	-	-	-	-	-	-	-
Increase (Decrease) Restricted Assets	689,722	(278,913)	(127,282)	(1,502,690)	-	-	-	-	-	-	-	-	-	-	-	-
Capital Additions	-	191,475	-	32,400	190,000	-	-	-	-	-	-	-	-	-	-	-
Capital Projects	345,473	886,422	1,133,769	940,800	672,500	2,299,333	7,679,600	7,615,831	7,801,708	7,725,070	7,804,000	7,804,000	7,770,455	7,779,342	7,879,000	7,879,000
Total	1,035,195	736,754	988,931	(529,490)	862,500	2,299,333	7,679,600	7,615,831	7,801,708	7,725,070	7,804,000	7,804,000	7,770,455	7,779,342	7,879,000	7,879,000
Net Incr. (Decr.) In Working Capital	127,451	318,344	(401,410)	1,275,538	(610,151)	(2,598,521)	(8,030,921)	(8,021,914)	(8,265,180)	(8,248,679)	(8,390,622)	(8,456,621)	(8,492,177)	(8,573,408)	(8,748,789)	(8,828,033)
Working Capital Ending Balance	1,071,256	1,389,600	988,190	2,263,728	1,653,577	(944,944)	(8,975,864)	(16,997,778)	(25,262,958)	(33,511,637)	(41,902,259)	(50,358,879)	(58,851,056)	(67,424,465)	(76,173,254)	(85,001,287)

	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED
Existing Rates	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33
Pro forma Beginning Balance	\$ (14,442,575)	\$ (16,474,520)	\$ (18,593,206)	\$ (20,802,615)	\$ (23,106,870)	\$ (25,510,309)	\$ (28,017,318)	\$ (30,632,578)	\$ (33,360,965)	\$ (36,207,445)	\$ (39,177,313)	\$ (42,275,981)	\$ (45,509,168)	\$ (48,882,747)
Operating Revenues														
From Rates	1,090,520	1,099,730	1,108,940	1,118,170	1,127,380	1,136,600	1,145,820	1,155,040	1,164,270	1,173,490	1,182,700	1,191,920	1,201,130	1,210,360
Other Charges	539,300	550,100	561,100	572,300	583,700	595,400	607,300	619,400	631,800	644,400	657,300	670,400	683,800	697,500
Total Operating Revenues	1,629,820	1,649,830	1,670,040	1,690,470	1,711,080	1,732,000	1,753,120	1,774,440	1,796,070	1,817,890	1,840,000	1,862,320	1,884,930	1,907,860
Operating Expenses														
Personnel Services	1,899,671	1,975,658	2,054,684	2,136,872	2,222,347	2,311,240	2,403,690	2,499,838	2,599,831	2,703,824	2,811,977	2,924,456	3,041,435	3,163,092
Supplies & Materials	221,657	226,090	230,612	235,224	239,929	244,727	249,622	254,614	259,706	264,901	270,199	275,603	281,115	286,737
Travel & Training	4,268	4,353	4,440	4,529	4,619	4,712	4,806	4,902	5,000	5,100	5,202	5,306	5,412	5,521
Intragovernmental Charges	333,681	347,028	360,909	375,345	390,359	405,974	422,213	439,101	456,665	474,932	493,929	513,686	534,234	555,603
Utilities, Services, & Misc.	322,488	335,387	348,803	362,755	377,265	392,356	408,050	424,372	441,347	459,001	477,361	496,455	516,314	536,966
Total Operating Expenses	2,781,764	2,888,516	2,999,448	3,114,725	3,234,519	3,359,009	3,488,380	3,622,827	3,762,550	3,907,758	4,058,668	4,215,507	4,378,509	4,547,919
<i>Less Non-Operating Expenses and Depreciation</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>	<i>\$ 1,000,000</i>
Operating Income	(2,151,944)	(2,238,686)	(2,329,408)	(2,424,255)	(2,523,439)	(2,627,009)	(2,735,260)	(2,848,387)	(2,966,480)	(3,089,868)	(3,218,668)	(3,353,187)	(3,493,579)	(3,640,059)
Non-Operating Revenues														
Investment Revenue	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Revenue for other govt. units	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc. Non-Operating Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Operating Revenues	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Non-Operating Expenses														
Loss on Disposal Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Transfers														
From Other Funds	-	-	-	-	-	-	-	-	-	-	-	-	-	-
To Other Funds	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Transfers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Capital Contribution</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Net Income (Loss)	(2,031,944)	(2,118,686)	(2,209,408)	(2,304,255)	(2,403,439)	(2,507,009)	(2,615,260)	(2,728,387)	(2,846,480)	(2,969,868)	(3,098,668)	(3,233,187)	(3,373,579)	(3,520,059)
<i>Funds Needed for CIP</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Debt Service														
Existing Series	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proposed Series	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pro forma Ending Balance	(16,474,520)	(18,593,206)	(20,802,615)	(23,106,870)	(25,510,309)	(28,017,318)	(30,632,578)	(33,360,965)	(36,207,445)	(39,177,313)	(42,275,981)	(45,509,168)	(48,882,747)	(52,402,806)
Statement of Cash Flow Ending Balance <i>Difference due to accounting for accrued income/expenses reported on the Statement of Cash Flows.</i>														

STATEMENT OF CHANGE IN FINANCIAL														
	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED
	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33
Working Capital Beginning Balance	(85,001,287)	(93,912,231)	(102,909,918)	(111,998,326)	(121,181,581)	(130,464,020)	(139,850,029)	(149,344,290)	(158,951,677)	(168,677,157)	(178,526,024)	(188,503,693)	(198,615,879)	(208,868,458)
Financial Resources Provided by:														
Net Income	(2,031,944)	(2,118,686)	(2,209,408)	(2,304,255)	(2,403,439)	(2,507,009)	(2,615,260)	(2,728,387)	(2,846,480)	(2,969,868)	(3,098,668)	(3,233,187)	(3,373,579)	(3,520,059)
Depreciation	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total	(1,031,944)	(1,118,686)	(1,209,408)	(1,304,255)	(1,403,439)	(1,507,009)	(1,615,260)	(1,728,387)	(1,846,480)	(1,969,868)	(2,098,668)	(2,233,187)	(2,373,579)	(2,520,059)
Other Source:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Resources Used for:														
Misc. Adj.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Less Loss on Disposal Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Increase (Decrease) Restricted Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Projects	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000
Total	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000
Net Incr. (Decr.) In Working Capital	(8,910,944)	(8,997,686)	(9,088,408)	(9,183,255)	(9,282,439)	(9,386,009)	(9,494,260)	(9,607,387)	(9,725,480)	(9,848,868)	(9,977,668)	(10,112,187)	(10,252,579)	(10,399,059)
Working Capital Ending Balance	(93,912,231)	(102,909,918)	(111,998,326)	(121,181,581)	(130,464,020)	(139,850,029)	(149,344,290)	(158,951,677)	(168,677,157)	(178,526,024)	(188,503,693)	(198,615,879)	(208,868,458)	(219,267,517)

Attachment D— Baseline Financial Model Results (Adjusted Rates)

	HISTORICAL	HISTORICAL	HISTORICAL	UNAUDITED	ADOPTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED
Adjusted Rates	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19
Pro forma Beginning Balance	\$ 2,218,180	\$ 2,897,578	\$ 3,067,146	\$ 2,527,611	\$ 2,583,731	\$ 2,446,080	\$ 2,001,179	\$ 2,126,081	\$ 2,064,928	\$ 2,106,597	\$ 2,188,288	\$ 2,147,126	\$ 2,040,125	\$ 2,147,243	\$ 2,382,767	\$ 2,343,328
Operating Revenues																
From Rates	823,338	888,342	939,768	977,324	979,910	2,135,400	5,643,730	5,692,490	5,901,920	5,951,300	6,000,670	6,050,040	6,262,480	6,312,450	6,362,430	6,412,410
Other Charges	566,345	615,615	642,950	397,419	425,090	433,600	442,300	451,100	460,100	469,300	478,700	488,300	498,100	508,100	518,300	528,700
Total Operating Revenues	1,389,683	1,503,957	1,582,718	1,374,743	1,405,000	2,569,000	6,086,030	6,143,590	6,362,020	6,420,600	6,479,370	6,538,340	6,760,580	6,820,550	6,880,730	6,941,110
Operating Expenses																
Personnel Services	446,831	599,598	640,134	713,039	751,529	1,233,990	1,283,350	1,334,684	1,388,071	1,443,594	1,501,338	1,561,391	1,623,847	1,688,801	1,756,353	1,826,607
Supplies & Materials	92,831	79,656	82,542	96,517	174,775	178,271	181,836	185,473	189,182	192,966	196,825	200,762	204,777	208,872	213,050	217,311
Travel & Training	1,193	1,560	2,171	1,577	3,365	3,432	3,501	3,571	3,642	3,715	3,790	3,865	3,943	4,021	4,102	4,184
Intragovernmental Charges	119,461	126,194	141,660	180,368	208,416	216,753	225,423	234,440	243,817	253,570	263,713	274,261	285,232	296,641	308,507	320,847
Utilities, Services, & Misc.	119,848	147,459	83,103	50,844	201,425	209,482	217,861	226,576	235,639	245,064	254,867	265,062	275,664	286,691	298,158	310,085
Total Operating Expenses	780,164	954,467	949,610	1,042,345	1,339,510	1,841,928	1,911,971	1,984,743	2,060,352	2,138,909	2,220,532	2,305,341	2,393,462	2,485,026	2,580,169	2,679,033
<i>Less Non-Operating Expenses and Depreciation</i>	\$ 262,149	\$ 318,826	\$ 348,398	\$ 391,515	\$ 390,000	\$ 481,973	\$ 789,157	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Operating Income	347,370	230,664	284,710	(59,117)	(324,510)	245,099	3,384,902	3,158,847	3,301,668	3,281,691	3,258,838	3,232,999	3,367,118	3,335,524	3,300,561	3,262,077
Non-Operating Revenues																
Investment Revenue	63,085	90,646	130,602	143,403	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Revenue for other govt. units	-	16,037	33,801	34,815	35,859	-	-	-	-	-	-	-	-	-	-	-
Misc. Non-Operating Revenue	54,650	82,677	28,853	15,173	31,000	-	-	-	-	-	-	-	-	-	-	-
Total Non-Operating Revenues	117,735	189,360	193,256	193,391	186,859	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Non-Operating Expenses																
Loss on Disposal Assets	-	4,551	17,556	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Operating Expenses	-	4,551	17,556	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Transfers																
From Other Funds	-	130,000	-	88,090	-	-	-	-	-	-	-	-	-	-	-	-
To Other Funds	-	(7,814)	(221,287)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Transfers	-	122,186	(221,287)	88,090	-	-	-	-	-	-	-	-	-	-	-	-
<i>Capital Contribution</i>	435,392	198,613	-	132,169	-	-	-	-	-	-	-	-	-	-	-	-
Net Income (Loss)	900,497	736,272	239,123	354,533	(137,651)	365,099	3,504,902	3,278,847	3,421,668	3,401,691	3,378,838	3,352,999	3,487,118	3,455,524	3,420,561	3,382,077
<i>Funds Needed for CIP</i>	-	-	-	-	-	(810,000)	(3,380,000)	(3,340,000)	(3,380,000)	(3,320,000)	(3,420,000)	(3,460,000)	(3,380,000)	(3,220,000)	(3,460,000)	(3,500,000)
Debt Service																
Existing Series	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proposed Series	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pro forma Ending Balance	3,118,677	3,633,850	3,306,269	2,882,144	2,446,080	2,001,179	2,126,081	2,064,928	2,106,597	2,188,288	2,147,126	2,040,125	2,147,243	2,382,767	2,343,328	2,225,405
Statement of Cash Flow Ending Balance	2,897,578	3,067,146	2,527,611	2,583,731												
<i>Difference due to accounting for accrued income/expenses reported on the Statement of Cash Flows.</i>	221,099	566,704	778,658	298,413												

STATEMENT OF CHANGE IN FINANCIAL POSITION

	HISTORICAL	HISTORICAL	HISTORICAL	UNAUDITED	ADOPTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED
	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19
Working Capital Beginning Balance	943,805	1,071,256	1,389,600	988,190	2,263,728	1,653,577	1,011,316	1,005,776	1,008,792	1,008,752	1,005,373	1,000,211	1,009,211	1,105,874	1,002,055	1,003,616
Financial Resources Provided by:																
Net Income	900,497	736,272	239,123	354,533	(137,651)	365,099	3,504,902	3,278,847	3,421,668	3,401,691	3,378,838	3,352,999	3,487,118	3,455,524	3,420,561	3,382,077
Depreciation	262,149	318,826	348,398	391,515	390,000	481,973	789,157	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total	1,162,646	1,055,098	587,521	746,048	252,349	847,072	4,294,059	4,278,847	4,421,668	4,401,691	4,378,838	4,352,999	4,487,118	4,455,524	4,420,561	4,382,077
Other Source:	-	-	-	-	-	810,000	3,380,000	3,340,000	3,380,000	3,320,000	3,420,000	3,460,000	3,380,000	3,220,000	3,460,000	3,500,000
Financial Resources Used for:																
Misc. Adj.	-	(57,679)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Less Loss on Disposal Assets	-	(4,551)	(17,556)	-	-	-	-	-	-	-	-	-	-	-	-	-
Increase (Decrease) Restricted Assets	689,722	(278,913)	(127,282)	(1,502,690)	-	-	-	-	-	-	-	-	-	-	-	-
Capital Additions	-	191,475	-	32,400	190,000	-	-	-	-	-	-	-	-	-	-	-
Capital Projects	345,473	886,422	1,133,769	940,800	672,500	2,299,333	7,679,600	7,615,831	7,801,708	7,725,070	7,804,000	7,804,000	7,770,455	7,779,342	7,879,000	7,879,000
Total	1,035,195	736,754	988,931	(529,490)	862,500	2,299,333	7,679,600	7,615,831	7,801,708	7,725,070	7,804,000	7,804,000	7,770,455	7,779,342	7,879,000	7,879,000
Net Incr. (Decr.) In Working Capital	127,451	318,344	(401,410)	1,275,538	(610,151)	(642,261)	(5,541)	3,016	(40)	(3,379)	(5,162)	8,999	96,663	(103,818)	1,561	3,077
Working Capital Ending Balance	1,071,256	1,389,600	988,190	2,263,728	1,653,577	1,011,316	1,005,776	1,008,792	1,008,752	1,005,373	1,000,211	1,009,211	1,105,874	1,002,055	1,003,616	1,006,693

	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED
Adjusted Rates	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33
Pro forma Beginning Balance	\$ 2,225,405	\$ 2,025,330	\$ 2,065,384	\$ 2,016,095	\$ 2,150,610	\$ 2,237,911	\$ 2,173,622	\$ 2,152,162	\$ 2,300,165	\$ 2,152,655	\$ 2,155,247	\$ 2,032,229	\$ 2,050,022	\$ 2,153,963
Operating Revenues														
From Rates	6,462,390	6,678,470	6,729,060	6,946,940	6,998,120	7,049,320	7,269,620	7,321,430	7,373,240	7,595,950	7,648,350	7,872,900	8,098,650	8,152,260
Other Charges	539,300	550,100	561,100	572,300	583,700	595,400	607,300	619,400	631,800	644,400	657,300	670,400	683,800	697,500
Total Operating Revenues	7,001,690	7,228,570	7,290,160	7,519,240	7,581,820	7,644,720	7,876,920	7,940,830	8,005,040	8,240,350	8,305,650	8,543,300	8,782,450	8,849,760
Operating Expenses														
Personnel Services	1,899,671	1,975,658	2,054,684	2,136,872	2,222,347	2,311,240	2,403,690	2,499,838	2,599,831	2,703,824	2,811,977	2,924,456	3,041,435	3,163,092
Supplies & Materials	221,657	226,090	230,612	235,224	239,929	244,727	249,622	254,614	259,706	264,901	270,199	275,603	281,115	286,737
Travel & Training	4,268	4,353	4,440	4,529	4,619	4,712	4,806	4,902	5,000	5,100	5,202	5,306	5,412	5,521
Intragovernmental Charges	333,681	347,028	360,909	375,345	390,359	405,974	422,213	439,101	456,665	474,932	493,929	513,686	534,234	555,603
Utilities, Services, & Misc.	322,488	335,387	348,803	362,755	377,265	392,356	408,050	424,372	441,347	459,001	477,361	496,455	516,314	536,966
Total Operating Expenses	2,781,764	2,888,516	2,999,448	3,114,725	3,234,519	3,359,009	3,488,380	3,622,827	3,762,550	3,907,758	4,058,668	4,215,507	4,378,509	4,547,919
<i>Less Non-Operating Expenses and Depreciation</i>	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Operating Income	3,219,926	3,340,054	3,290,712	3,404,515	3,347,301	3,285,711	3,388,540	3,318,003	3,242,490	3,332,592	3,246,982	3,327,793	3,403,941	3,301,841
Non-Operating Revenues														
Investment Revenue	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Revenue for other govt. units	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc. Non-Operating Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Operating Revenues	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Non-Operating Expenses														
Loss on Disposal Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Transfers														
From Other Funds	-	-	-	-	-	-	-	-	-	-	-	-	-	-
To Other Funds	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Transfers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Capital Contribution</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Income (Loss)	3,339,926	3,460,054	3,410,712	3,524,515	3,467,301	3,405,711	3,508,540	3,438,003	3,362,490	3,452,592	3,366,982	3,447,793	3,523,941	3,421,841
<i>Funds Needed for CIP</i>	(3,540,000)	(3,420,000)	(3,460,000)	(3,390,000)	(3,380,000)	(3,470,000)	(3,530,000)	(3,290,000)	(3,510,000)	(3,450,000)	(3,490,000)	(3,430,000)	(3,420,000)	(3,390,000)
Debt Service														
Existing Series	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proposed Series	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pro forma Ending Balance	2,025,330	2,065,384	2,016,095	2,150,610	2,237,911	2,173,622	2,152,162	2,300,165	2,152,655	2,155,247	2,032,229	2,050,022	2,153,963	2,185,804
Statement of Cash Flow Ending Balance														
<i>Difference due to accounting for accrued income/expenses reported on the Statement of Cash Flows.</i>														

STATEMENT OF CHANGE IN FINANCIAL

	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED	PROJECTED
	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33
Working Capital Beginning Balance	1,006,693	1,007,619	1,008,672	1,000,384	1,035,899	1,004,200	1,000,911	1,160,450	1,009,453	1,002,943	1,026,536	1,004,517	1,003,311	1,068,252
Financial Resources Provided by:														
Net Income	3,339,926	3,460,054	3,410,712	3,524,515	3,467,301	3,405,711	3,508,540	3,438,003	3,362,490	3,452,592	3,366,982	3,447,793	3,523,941	3,421,841
Depreciation	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total	4,339,926	4,460,054	4,410,712	4,524,515	4,467,301	4,405,711	4,508,540	4,438,003	4,362,490	4,452,592	4,366,982	4,447,793	4,523,941	4,421,841
Other Source:	3,540,000	3,420,000	3,460,000	3,390,000	3,380,000	3,470,000	3,530,000	3,290,000	3,510,000	3,450,000	3,490,000	3,430,000	3,420,000	3,390,000
Financial Resources Used for:														
Misc. Adj.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Less Loss on Disposal Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Increase (Decrease) Restricted Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Projects	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000
Total	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000	7,879,000
Net Incr. (Decr.) In Working Capital	926	1,054	(8,288)	35,515	(31,699)	(3,289)	159,540	(150,997)	(6,510)	23,592	(22,018)	(1,207)	64,941	(67,159)
Working Capital Ending Balance	1,007,619	1,008,672	1,000,384	1,035,899	1,004,200	1,000,911	1,160,450	1,009,453	1,002,943	1,026,536	1,004,517	1,003,311	1,068,252	1,001,093

Attachment E— Baseline CIP

Storm Water Annual and 5 Year Capital Projects

Funding Source	Current Budget FY 07	Adopted Budget FY 08	Requested Budget FY 09	Priority Needs FY 10 - FY 12	Total 5 Yr. Cost	D	C
1 Annual Projects - C49017							
Ent Rev	\$190,000	\$190,000	\$190,000	\$570,000	\$950,000		
Total	\$190,000	\$190,000	\$190,000	\$570,000	\$950,000		
2 Harvard Drainage C49088						07	08
Ent Rev		\$175,500			\$175,500		
Total		\$175,500			\$175,500		
3 Lawrence Place C49089						08	08
Ent Rev		\$90,000			\$90,000		
Total		\$90,000			\$90,000		
4 Mill Creek Detention Study (Engineering Only)						08	14
Ent Rev		\$52,500			\$52,500		
Total		\$52,500			\$52,500		
5 Quail Drive - C49067						09	09
Ent Rev			\$311,000		\$311,000		
Total			\$311,000		\$311,000		
6 Rangeline Street Smith Street - C49081						07	09
Ent Rev	\$20,000		\$117,000		\$117,000		
Total	\$20,000		\$117,000		\$117,000		
7 Royal Lytham - Fallwood C49090						07	08
Ent Rev		\$60,000			\$60,000		
Total		\$60,000			\$60,000		
8 Rustic Road RCB C49091						08	09
Ent Rev		\$105,000			\$105,000		
Total		\$105,000			\$105,000		
9 Vandiver/Sylvan Storm Drainage						08	09
Ent Rev			\$275,000		\$275,000		
Total			\$275,000		\$275,000		
10 Braemore Drainage						09	10
Ent Rev				\$175,000	\$175,000		
Total				\$175,000	\$175,000		
11 Bray/Longwell Drainage						09	10
Ent Rev				\$101,000	\$101,000		
Total				\$101,000	\$101,000		
12 Capri Estates Drainage						10	12
Ent Rev				\$145,000	\$145,000		
Total				\$145,000	\$145,000		
13 English/Subella/Jake Drainage						10	12
Ent Rev				\$110,000	\$110,000		
Total				\$110,000	\$110,000		
14 Garth @ Oak Tower						08	10

D = Year being designed; C = Year construction will begin.
 For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Storm Water Annual and 5 Year Capital Projects

Funding Source	Current Budget FY 07	Adopted Budget FY 08	Requested Budget FY 09	Priority Needs FY 10 - FY 12	Total 5 Yr. Cost	D	C
14 Garth @ Oak Tower						08	10
Ent Rev				\$356,856	\$356,856		
Total				\$356,856	\$356,856		
15 Martinshire Drive						09	11
Ent Rev			\$69,000		\$69,000		
Total			\$69,000		\$69,000		
16 Pear Tree Circle Storm Drainage						09	11
Ent Rev				\$170,000	\$170,000		
Total				\$170,000	\$170,000		
17 Sappington Drainage						10	12
Ent Rev				\$145,000	\$145,000		
Total				\$145,000	\$145,000		
18 Sexton Road at Jackson						09	11
Ent Rev				\$315,000	\$315,000		
Total				\$315,000	\$315,000		
19 Sexton/McBaine Drainage						09	11
Ent Rev				\$264,500	\$264,500		
Total				\$264,500	\$264,500		
20 Woodland-Northridge Drainage						10	12
Ent Rev				\$203,500	\$203,500		
Total				\$203,500	\$203,500		
Total	\$210,000	\$673,000	\$962,000	\$2,555,856	\$4,190,856		

Storm Water Funding Source Summary					
Ent Rev	\$210,000	\$673,000	\$962,000	\$2,555,856	\$4,190,856
New Funding	\$210,000	\$673,000	\$962,000	\$2,555,856	\$4,190,856
Total Storm Water	\$210,000	\$673,000	\$962,000	\$2,555,856	\$4,190,856

Storm Water Current Capital Projects							
1	Brandon Road Culvert - C49068					06	07
2	Crestridge Culvert - C49023						
3	Digital Mapping Project - C49043					07	
4	Eighth Street Drainage C49084						
5	Flat Branch RCB - C49059					05	06
6	Greenwood-Stewart - C49069					06	07
7	Grissum Building - C49058					05	
8	Hendrix Drive Drainage Extension C49085						
9	Hillshire Court Drainage C49083						
10	Jake Lane Drainage - C49075						
11	Maryland-Richmond Phase 2 - C49077					05	06
12	Maupin-Edgewood - C49056					05	06
13	Middlebush - C49039					06	07
14	Mill Creek Drainage Basin Phase II - C49080					06	07

D = Year being designed; C = Year construction will begin.
 For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Storm Water

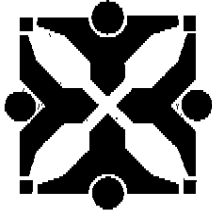
Annual and 5 Year Capital Projects

Funding Source	Current Budget FY 07	Adopted Budget FY 08	Requested Budget FY 09	Priority Needs FY 10 - FY 12	Total 5 Yr. Cost	D	C
Storm Water Current Capital Projects							
15	Philips Property Plan Evaluation - C49061						
16	Primrose Drive Drainage C49079						
17	Richmond Ave Box Culvert - C49057					05	06
18	Rutledge - Weymeyer - C49040					06	07
19	West Blvd and Mary Jean - C49026					05	06

Storm Water Operating Impact of Capital Projects	
Brandon Road Culvert - C49068	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Crestridge Culvert - C49023	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Flat Branch RCB - C49059	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Greenwood-Stewart - C49069	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Lawrence Place C49089	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Maryland-Richmond Phase 2 - C49077	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Maupin-Edgewood - C49056	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Middlebush - C49039	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Mill Creek Drainage Basin Phase II - C49080	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Rangeline Street Smith Street - C49081	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Royal Lytham - Fallwood C49090	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
Rutledge - Weymeyer - C49040	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	
West Blvd and Mary Jean - C49026	
Reduction in maintenance. Less labor, materials and equipment costs to repair previously inadequate facilities.	

D = Year being designed; C = Year construction will begin.
 For projects planned beyond five years, please refer to the City's Capital Improvement Plan Document.

Attachment F—Customer Information System



CITY OF COLUMBIA, MISSOURI

PUBLIC WORKS DEPARTMENT

PHONE: 573-874-7250 FAX: 573-874-7132

FACSIMILE COVER SHEET

DATE: October 23, 2007

OF PAGES INCLUDING COVER: 7

PLEASE DELIVER THE ATTACHED PAGES TO THE ATTENTION OF:

Elise Ibendahl

COMPANY: CH2M HILL

FAX #: 414-454-8720

RE: Stormwater Management Assessment Agreement

Here is the customer information you requested. Let me know if you have questions.

SIGNED: _____

Steve Hunt

Steve Hunt

PREPARED 10/23/2007, 10:26:43
PROGRAM UR0998, REPORT #1
CITY OF COLUMBIA

CUSTOMER INFORMATION SYSTEM
STORED WATER REVENUE

PAGE 1

FROM DATE: 10/03/2006 THRU 10/01/2007

Byon

STATE CODE	RATE CODE	REVENUE	CUSTOMERS
****	ADJ	.00	1 *
	REGS	6.53	3
	FINL	7.67	
		14.20	
ST0M	ADJ	.00	768 *
	REGS	23,073.24	
	FINL	.00	
		23,073.24	
ST1	ADJ	898.53-	1,247
	REGS	81,343.21	126,295 *
	FINL	4,375.77	10,143
		84,820.45	10,525
ST2	ADJ	2,372.51-	2,518
	REGS	173,272.29	204,185 *
	FINL	5,762.87	9,758
		176,662.65	17,015
ST3	ADJ	1,651.88-	1,192
	REGS	160,894.40	139,615 *
	FINL	1,938.05	2,170
		161,180.57	11,035
ST4	ADJ	546.86-	282
	REGS	32,057.20	23,348 *
	FINL	192.55	397
		31,702.69	1,946
ST5	ADJ	12,508.50-	564
	REGS	508,055.34	24,924 *
	FINL	2,960.50	278
		498,507.34	2,077

TOTALS

975,961.34

519,137 *

12
48261

PREPARED 10/23/2007, 12:28:51
PROGRAM UAB099R, REPORT #1
CITY OF COLUMBIA

CUSTOMER INFORMATION SYSTEM
STORM WATER REVENUE

PAGE 1

FROM DATE: 10/04/2005 THRU 10/02/2006

3y04

RATE CODE		REVENUE		CUSTOMERS	
****	ADJ	2,697.43-		4	
	REGS	14.70		3	
	FINL	2.29		1	
		2,680.44-			
ST0M	ADJ	.00			
	REGS	23,093.07		776	
	FINL	.86		1	
		23,093.73			
ST1	ADJ	936.74-		822	
	REGS	81,113.16		125,168	10,426
	FINL	4,283.40		9,657	
		84,459.82			
ST2	ADJ	1,396.69-		1,282	
	REGS	168,401.72		198,311	110,526
	FINL	5,586.74		9,279	
		172,591.77			
ST3	ADJ	1,004.18-		753	
	REGS	154,749.98		133,638	11,131
	FINL	2,086.56		2,223	
		155,634.36			
ST4	ADJ	311.29-		213	
	REGS	29,970.61		22,041	1,837
	FINL	256.57		255	
		29,915.89			
ST5	ADJ	4,044.40-		251	
	REGS	499,008.69		24,259	2,022
	FINL	2,002.02		290	
		496,966.32			
TOTALS		960,181.44			

504,138 \$
4 months
42012 customers

PREPARED 10/23/2007, 13:19:30
PROGRAM C8099E, REPORT #1
CITY OF COLUMBIA

CUSTOMER INFORMATION SYSTEM
STORM WATER REVENUE

PAGE 1

FROM DATE: 10/04/2004 THRU 10/03/2005

9405

DATE CODE	REVENUE	CUSTOMER#
****	ADJ .00	1 *
	REGS 4.25	2
	FINL 2.78	
	7.03	
STUM	ADJ 2.48-	1
	REGS 25,014.26	829 *
	FINL .00	
	25,011.78	
ST1	ADJ 529.98-	644
	REGS 76,771.88	118,679 *
	FINL 4,063.44	9,441
	80,305.34	9,890
ST3	ADJ 1,111.50-	1,103
	REGS 164,832.89	193,931 *
	FINL 5,273.74	9,019
	168,995.03	16,101
ST3	ADJ 608.89-	587
	REGS 144,171.32	124,974 *
	FINL 1,758.65	2,066
	145,121.08	19,415
ST4	ADJ 212.95-	102
	REGS 38,040.93	20,726 *
	FINL 213.51	210
	28,041.49	1721
ST5	ADJ 6,318.94-	270
	REGS 470,127.12	22,081 *
	FINL 2,071.62	196
	465,879.80	1,840

TOTALS

913,361.55

481,221 *

12
40102

PREPARED 10/23/2007, 13:16:09
PROGRAM UB0398R, REPORT #1
CITY OF COLUMBIA

CUSTOMER INFORMATION SYSTEM
STORM WATER REVENUE

PAGE 1

2004

FROM DATE: 10/02/2003 THRU 10/01/2004

RATE CODE	REVENUE			CUSTOMERS		
	ADJ	REGS	FINL	1	2	3
****	3.76-	13.40	11.11			
			20.75			
ST0M	ADJ	REGS	FINL	708		
			21,193.74			
ST1	ADJ	REGS	FINL	612		
			496.17-			
			74,208.10			
			4,128.95			
			77,937.88			
ST2	ADJ	REGS	FINL	1,183		
			1,319.97-			
			159,182.05			
			5,493.26			
			163,355.34			
ST3	ADJ	REGS	FINL	586		
			885.85-			
			133,888.02			
			1,781.10			
			134,783.27			
ST4	ADJ	REGS	FINL	123		
			228.51-			
			26,259.85			
			318.50			
			26,259.84			
ST5	ADJ	REGS	FINL	259		
			1,773.50			
			416,981.09			
			7,248.85			
			421,003.44			

TOTALS

844,554.26

458,373 *

÷ 12
38,198

114,967 * 9,1581

106,982 * 15,580

116,890 * 9,674

19,395 * 1,616

20,248 * 1,087

PREPARED 10/23/2007, 13:20:24
PROGRAM 080988, REPORT #1
CITY OF COLUMBIA

CUSTOMER INFORMATION SYSTEM
STORM WATER REVENUE

PAGE 1

3y03

FROM DATE: 10/02/2002 THRU 10/01/2003

RATE CODE	REVENUE	CUSTOMERS
****	ADJ 1.70 REGS 7.51 FINL 7.68 ----- 16.89	1 2 3
STUN	ADJ .00 REGS 23,102.76 FINL .00 ----- 23,102.76	768
ST1	ADJ 83.07 REGS 70,456.61 FINL 3,921.61 ----- 74,295.15	102 109,396 8,736 ----- 9,116
ST2	ADJ 227.59 REGS 154,186.71 FINL 5,049.07 ----- 159,008.19	161 181,738 8,866 ----- 15,145
ST3	ADJ 166.90 REGS 124,293.19 FINL 1,765.17 ----- 125,891.46	59 107,918 1,817 ----- 8,993
ST4	ADJ 31.20 REGS 24,882.44 FINL 199.96 ----- 25,051.20	15 18,323 182 ----- 1,507
ST5	ADJ 6,736.65 REGS 398,419.22 FINL 2,302.79 ----- 393,965.36	60 18,773 162 ----- 1,504
TOTALS	801,351.01	436,918 12 ----- 36410

PREPARED 10/23/2007, 11:23:13
PROGRAM DAB098R, REPORT #1
CITY OF COLUMBIA

CUSTOMER INFORMATION SYSTEM
STORM WATER REVENUE

PAGE 1

FROM DATE: 10/02/2001 THRU 10/01/2002

Syda

RATE CODE	REVENUE			CUSTOMERS		
	ADJ	REGS	FINL			
****	7.11-	33.16	21.23	1	9	6
		47.28				
STW	ADJ	REGS	FINL			
	.00	23,102.76	.00	768		
		23,102.76				
ST1	ADJ	REGS	FINL			
	154.40-	69,498.50	3,799.61	141	107,827	8,519
		73,143.71				
						<i>8,986</i>
ST2	ADJ	REGS	FINL			
	241.52-	151,789.09	4,819.48	133	179,135	7,898
		156,367.05				
						<i>14,928</i>
ST3	ADJ	REGS	FINL			
	67.19-	115,913.24	3,662.40	50	101,044	3,670
		117,508.45				
						<i>8,420</i>
ST4	ADJ	REGS	FINL			
	26.83-	23,387.96	204.00	10	17,340	198
		23,565.13				
						<i>1,445</i>
ST5	ADJ	REGS	FINL			
	1,582.21-	381,603.32	1,393.21	37	18,184	159
		381,414.30				
						<i>1,515</i>

TOTALS

424,307

12

35,359