



*A Typical Street During and After a Combined Sewer Overflow (CSO) Project.*



**SEWER FUND CAPITAL PROJECTS SUMMARY OF APPROPRIATIONS** - This summary demonstrates project appropriations for each Fiscal Year along with the expected sources of funding.

	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>
<b>RESOURCES</b>					
Pay -as-you-go	\$2,000,000	\$3,000,000	\$3,500,000	\$3,750,000	\$4,000,000
Debt Financing	431,400	2,600,000	3,225,000	4,150,000	2,650,000
Amount to be Provided by Grants	1,793,600				
Amount to be Provided by Virginia Clean Water Revolving Loans	14,000,000	14,000,000	14,000,000	14,000,000	14,000,000
<b>TOTAL ESTIMATED RESOURCES</b>	<b>\$18,225,000</b>	<b>\$19,600,000</b>	<b>\$20,725,000</b>	<b>\$21,900,000</b>	<b>\$20,650,000</b>
<b>LOCALLY FINANCED PROJECTS</b>					
Major Collection System Repairs	\$500,000	\$500,000	\$500,000	\$525,000	\$525,000
Annual Sewer Extensions	650,000	500,000	500,000	500,000	500,000
Rainleader Disconnect Program	100,000	100,000	100,000	125,000	125,000
Burton Creek Interceptor Replacement	0	0	125,000	4,250,000	0
Waste Water Treatment Plant Improvements Projects	500,000	500,000	500,000	500,000	500,000
Combined Sewer Overflow (CSO) Program Projects	2,000,000	4,000,000	5,000,000	2,000,000	5,000,000
Utility Department Office Relocation	475,000	0	0	0	0
<b>TOTAL LOCALLY FINANCED PROJECTS</b>	<b>\$4,225,000</b>	<b>\$5,600,000</b>	<b>\$6,725,000</b>	<b>\$7,900,000</b>	<b>\$6,650,000</b>
<b>VIRGINIA CLEAN WATER REVOLVING LOAN FUND FINANCED PROJECTS</b>					
Sewer separation/rehabilitation CSO	\$14,000,000	\$14,000,000	\$14,000,000	\$14,000,000	\$14,000,000
<b>TOTAL PROPOSED PROJECTS</b>	<b>\$18,225,000</b>	<b>\$19,600,000</b>	<b>\$20,725,000</b>	<b>\$21,900,000</b>	<b>\$20,650,000</b>

Note: Debt financing will occur based on project cash flows and the City's debt issuance plan



**SEWER FUND CAPITAL PROJECTS FINANCING PLAN** - This summary demonstrates projected expenditure cash flows for each Fiscal Year along with the expected sources of funding.

As part of the annual budget process, the City appropriates funding for capital projects in accordance with the Five Year Capital Improvement Plan. Typically, the City conducts bi-annual bond financings in the last half of every other fiscal year. New bond issues are based on the expected cash flow requirements of projects between bond sales and may differ from funding requirements for annual appropriations.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<b>BALANCE FORWARD</b>	<b>\$25,647,849</b>	<b>\$20,999,241</b>	<b>\$19,679,428</b>	<b>\$25,904,315</b>	<b>\$19,268,502</b>
<b>INCOME</b>					
Pay -as-you-go Sewer Operating Fund	\$2,000,000	\$3,000,000	\$3,500,000	\$3,750,000	\$4,000,000
Grant Proceeds	1,793,600	0	0	0	0
General Obligation Bond Proceeds	0	0	10,000,000	0	8,000,000
Virginia Clean Water Revolving Loan Fund Proceeds	14,000,000	14,000,000	14,000,000	14,000,000	14,000,000
<b>TOTAL INCOME</b>	<b>\$17,793,600</b>	<b>\$17,000,000</b>	<b>\$27,500,000</b>	<b>\$17,750,000</b>	<b>\$26,000,000</b>
<b>CASH FLOW REQUIREMENTS</b>					
Incomplete projects as of July 1, 2008	\$2,566,583				
FY 2009-2013 CIP Projects	19,875,625	18,319,813	21,275,113	24,385,813	22,299,450
<b>TOTAL EXPENDITURES</b>	<b>\$22,442,208</b>	<b>\$18,319,813</b>	<b>\$21,275,113</b>	<b>\$24,385,813</b>	<b>\$22,299,450</b>
<b>BALANCE FORWARD</b>	<b>\$20,999,241</b>	<b>\$19,679,428</b>	<b>\$25,904,315</b>	<b>\$19,268,502</b>	<b>\$22,969,052</b>

Note: Debt financing will occur based on project cash flows and the City's debt issuance plan.



FIVE-YEAR PROPOSED APPROPRIATIONS TO BE FINANCED BY THE CITY

Project Title	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<b>SEWER - NEW CONSTRUCTION</b>					
<b>Annual Sewer Extensions</b>	650,000	500,000	500,000	500,000	500,000
Source of Funding					
Pay-As-You-Go	650,000	500,000	500,000	500,000	500,000
<b>Burton Creek Interceptor Replacement</b>	0	0	125,000	4,250,000	0
Source of Funding					
G.O. Bond	0	0	125,000	4,250,000	0
<b>Combined Sewer Overflow (CSO) Program Projects</b>	16,000,000	18,000,000	19,000,000	16,000,000	19,000,000
Source of Funding					
G.O. Bond	772,000	1,637,187	5,000,000	0	3,406,074
Pay-As-You-Go	1,228,000	2,362,813	0	3,593,926	0
State: VCWRLF	14,000,000	14,000,000	14,000,000	12,406,074	15,593,926
<b>Utility Department Office Relocation</b>	475,000	0	0	0	0
Source of Funding					
Pay-As-You-Go	475,000	0	0	0	0
<b>Wastewater Treatment Plant Improvement Projects</b>	500,000	500,000	500,000	500,000	500,000
Source of Funding					
Pay-As-You-Go	500,000	500,000	500,000	500,000	500,000
<b>Total Estimates Submitted FY 2009-2013 CIP</b>	<b>\$17,625,000</b>	<b>\$19,000,000</b>	<b>\$20,125,000</b>	<b>\$21,250,000</b>	<b>\$20,000,000</b>
Source of Funding					
G.O. Bond	\$772,000	\$1,637,187	\$5,125,000	\$4,250,000	\$3,406,074
Pay-As-You-Go	\$2,853,000	\$3,362,813	\$1,000,000	\$4,593,926	\$1,000,000
State: VCWRLF	\$14,000,000	\$14,000,000	\$14,000,000	\$12,406,074	\$15,593,926

Funding totals on this schedule may differ from the Financing Plan schedule due to the timing of projects and availability of resources.



FIVE-YEAR ESTIMATED NET COST	APPROPRIATIONS THROUGH 8/31/07	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
\$2,650,000	Continuing	Continuing	\$2,650,000
\$4,375,000	0	0	\$4,375,000
\$88,000,000	Continuing	Continuing	\$88,000,000
\$475,000	0	0	\$475,000
\$2,500,000	Continuing	Continuing	\$2,500,000
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\$98,000,000			\$98,000,000
\$15,190,261			
\$12,809,739			
<hr/> \$70,000,000			
\$98,000,000			



**FIVE-YEAR PROPOSED APPROPRIATIONS TO BE FINANCED BY THE CITY**

Project Title	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<b>SEWER - MAINTENANCE</b>					
<b>Major Collection System Repairs</b>	500,000	500,000	500,000	525,000	525,000
Source of Funding					
Pay-As-You-Go	500,000	500,000	500,000	525,000	525,000
<b>Rainleader Disconnect Program</b>	100,000	100,000	100,000	125,000	125,000
Source of Funding					
Pay-As-You-Go	100,000	100,000	100,000	125,000	125,000
<b>Total Estimates Submitted FY 2009-2013 CIP</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$650,000</b>	<b>\$650,000</b>
Source of Funding					
Pay-As-You-Go	\$600,000	\$600,000	\$600,000	\$650,000	\$650,000

Funding totals on this schedule may differ from the Financing Plan schedule due to the timing of projects and availability of resources.



FIVE-YEAR ESTIMATED NET COST	APPROPRIATIONS THROUGH 8/31/07	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
\$2,550,000	Continuing	Continuing	\$2,550,000
\$550,000	Continuing	Continuing	\$550,000
<hr/>			<hr/>
\$3,100,000			\$3,100,000
\$3,100,000			



CONTINUING PROJECTS THAT HAVE BEEN APPROPRIATED IN PRIOR YEARS			
Project Title	Total Project Estimate	Total Expenditures and Encumbrances Thru 1/31/08	Remaining Appropriations
<b>SEWER</b>			
Major Collection System Repairs	Continuing	Continuing	\$1,099,720
Annual Sewer Extensions	Continuing	Continuing	\$267,175
WasteWater Treatment Plant Improvements	Continuing	Continuing	\$301,500
Field Operations Facility	180,000	98,040	\$81,960
WasteWater Treatment Plant Alternate Disinfection	1,407,570	307,321	\$1,100,249
WasteWater Treatment Plant Clarifier Repairs	100,000	81,200	\$18,800
WasteWater Treatment Plant Boxley Plant Purchase	210,000	1,828	\$208,172
WasteWater Treatment Plant Maintenance Building	102,500	97,960	\$4,540
Heritage Court Phase II Sewer Extension	6,600	0	\$6,600
Cornerstone Development	600,000	0	\$600,000
New Towne Subdivision Section 7	37,500	0	\$37,500
Sewer Separation/Rehabilitation	Continuing	Continuing	\$25,818,929
CSO 1D3.1	38,500	13,500	\$25,000
CSO 1D.4	240,966	213,493	\$27,473
CSO 8.1A	4,280,305	4,152,502	\$127,803
CSO 1B4.1	38,000	30,733	\$7,267
CSO 2.2	131,300	131,300	\$0
<b>TOTALS</b>	<b>\$7,373,241</b>	<b>\$5,127,877</b>	<b>\$29,732,688</b>



SERVICE AREA  
Sewer

DEPARTMENT  
Utilities

LOCATION  
Various locations within City limits

PROJECT TITLE/PROJECT NUMBER  
ANNUAL SEWER EXTENSIONS

PROJECT TYPE  
New

**DEPARTMENT PRIORITY**

Project supports essential services  
Project contributes to generation of new revenue



**PROJECT DESCRIPTION**

Provide for the extension of sanitary sewer lines into unserved areas of the City due to new construction, failed septic systems or economic development. Also used to reimburse developers per City Code for constructing City sewers.

**RELATIONSHIP TO COMPREHENSIVE PLAN**

Chapter 15, Page 15.7, Goal 1: Provide citizens of Lynchburg with a dependable, modern, high quality water and sanitary sewer system with sufficient system capacity to meet the City's long term requirements.

**PROJECT MANAGER(S)**

Lee Newland, Director of Engineering

**PROJECT START DATE**

Continuing

**PROJECT COMPLETION DATE**

Continuing

**COMPLETION SCHEDULE**

Activity	Complete - Quarter
City Engineering Service Charges	Q1 - Q4 FY 2009 - FY 2013
Construction	Q1 - Q4 FY 2009 - FY 2013

**OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES & PROJECTED STAFFING REQUIREMENTS):**

Increase revenue from new sewer service customers and increased maintenance for new sewer lines.

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT**

Sub-Projects	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Estimate
City Engineering Service Charges	40,000	40,000	40,000	50,000	50,000	\$220,000
Construction	610,000	460,000	460,000	450,000	450,000	\$2,430,000
<b>TOTAL</b>	<b>\$650,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,650,000</b>

**FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING**

Funding Source	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Total
Local: Pay-As-You-Go	524,525	500,000	500,000	500,000	500,000	\$2,524,525
<b>TOTAL</b>	<b>\$524,525</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,524,525</b>

**SOURCES OF PROJECT FUNDING FY 2009 - 2013 (%):**

LOCAL = 100% STATE = 0% FEDERAL = 0% OTHER = 0%

TOTAL PRIOR FUNDING THROUGH 8/31/07  
Continuing

FY 2009-2013 CASH FLOW  
\$2,524,525

BEYOND FY 2013 CASH FLOW  
Continuing

TOTAL PROJECT CASH FLOW  
Continuing



SERVICE AREA  
Sewer

DEPARTMENT  
Utilities

LOCATION  
Along Burton Creek and Rock Castle Creek and adjacent to Rt. 501 and Wards Road.

PROJECT TITLE/PROJECT NUMBER  
**BURTON CREEK INTERCEPTOR REPLACEMENT**

PROJECT TYPE  
New

**DEPARTMENT PRIORITY**

Project has legal or regulatory mandate  
Project supports essential services



**PROJECT DESCRIPTION**

Replacement of 12,000 L.F. of the existing interceptor from Burton Creek/Custer Drive to Rock Castle Creek and Rte. 501. Flow studies have indicated sufficient capacity through at least 2012 dependant on drainage basin build out.

**RELATIONSHIP TO COMPREHENSIVE PLAN**

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

**PROJECT MANAGER(S)**  
Tim Mitchell, Director of Utilities

**PROJECT START DATE** Q1 FY 2011  
**PROJECT COMPLETION DATE** Q4 FY 2013

**COMPLETION SCHEDULE**

Activity	Complete - Quarter
Consultant Engineering	Q2 FY 2011
Construction	Q4 FY 2013

**OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES & PROJECTED STAFFING REQUIREMENTS):**  
None.

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT**

Sub-Projects	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Estimate
City Engineering Service Charges	0	0	125,000	0	0	\$125,000
Construction	0	0	0	4,250,000	0	\$4,250,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,000</b>	<b>\$4,250,000</b>	<b>\$0</b>	<b>\$4,375,000</b>

**FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING**

Funding Source	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Total
Local: G.O. Bond	0	0	125,000	2,125,000	2,125,000	\$4,375,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,000</b>	<b>\$2,125,000</b>	<b>\$2,125,000</b>	<b>\$4,375,000</b>

**SOURCES OF PROJECT FUNDING FY 2009 - 2013 (%):** LOCAL =100% STATE = 0% FEDERAL = 0% OTHER =0%

<b>TOTAL PRIOR FUNDING THROUGH 8/31/07</b>	<b>FY 2009-2013 CASH FLOW</b>	<b>BEYOND FY 2013 CASH FLOW</b>	<b>TOTAL PROJECT CASH FLOW</b>
\$0	\$4,375,000	\$0	\$4,375,000



SERVICE AREA  
Sewer

DEPARTMENT  
Utilities

LOCATION  
Various locations within City limits

PROJECT TITLE/PROJECT NUMBER

PROJECT TYPE

**COMBINED SEWER OVERFLOW (CSO) PROGRAM PROJECTS**

New

**DEPARTMENT PRIORITY**

Project has legal or regulatory mandate  
Project has State and Federal funding  
Project supports essential services

**THIS PROJECT ALSO HAS (A) COMPONENT (S) IN:**

Water Capital Project Fund  
City Capital Projects Fund



**PROJECT DESCRIPTION**

Replacement and/or rehabilitation of combined sewers and major interceptor replacement projects. In addition, waterlines and streets may be renewed as needed. Planned projects may be significantly impacted by priority City projects, mandated Wastewater Nutrient and/or other water quality projects and the availability of funding to meet the Special Order requirements.

**RELATIONSHIP TO COMPREHENSIVE PLAN**

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment of execution of the City's Combined Sewer Overflow elimination program with a goal of program completion by 2020.

**PROJECT MANAGER(S)**

Jeff Scarano, CSO Program Manager

**PROJECT START DATE**

Continuing

**PROJECT COMPLETION DATE**

Continuing

**COMPLETION SCHEDULE**

Activity	Complete - Quarter
City Engineering Service Charges	Q1 - Q2 FY 2009 - FY 2013
Land Acquisition/Right-of-Way	Q1 - Q2 FY 2009 - FY 2013
Consultant Engineering	Q1 - Q2 FY 2009 - FY 2013
Contact Administration (Contractual)	Q1 - Q2 FY 2009 - FY 2013
Inspections (Contractual)	Q1 - Q2 FY 2009 - FY 2013
Construction	Q1 - Q2 FY 2009 - FY 2013

**OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES & PROJECTED STAFFING REQUIREMENTS):**

Lessens routine maintenance of sewer collection system in the completed project areas.

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT**

Sub-Projects	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Estimate
City Engineering Service Charges	97,500	53,500	63,500	125,000	66,250	\$405,750
Land Acquisition/Right-of-Way	39,000	21,400	25,400	50,000	26,500	\$162,300
Consultant Engineering	780,000	428,000	508,000	1,000,000	530,000	\$3,246,000
Contact Administration (Contractual)	780,000	428,000	508,000	1,000,000	530,000	\$3,246,000
Inspections (Contractual)	780,000	428,000	508,000	1,000,000	530,000	\$3,246,000
Construction	11,573,500	15,571,100	16,117,100	10,325,000	15,992,250	\$69,578,950
Contingency	1,950,000	1,070,000	1,270,000	2,500,000	1,325,000	\$8,115,000
<b>TOTAL</b>	<b>\$16,000,000</b>	<b>\$18,000,000</b>	<b>\$19,000,000</b>	<b>\$16,000,000</b>	<b>\$19,000,000</b>	<b>\$88,000,000</b>

Local Share:	2,000,000	4,000,000	5,000,000	2,000,000	5,000,000	18,000,000
VCWRLF Share:	14,000,000	14,000,000	14,000,000	14,000,000	14,000,000	70,000,000

**FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING**

Funding Source	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period
Local: Pay-As-You-Go	1,228,000	2,362,813	0	3,593,926	0	\$7,184,739
Local: G.O. Bond	0	0	5,106,113	2,643,887	4,400,450	\$12,150,450
Other: Grant	1,793,600	0	0	0	0	\$1,793,600
State: VCWRLF	15,015,000	14,120,000	14,444,000	14,373,000	14,124,000	\$72,076,000
<b>TOTAL</b>	<b>\$18,036,600</b>	<b>\$16,482,813</b>	<b>\$19,550,113</b>	<b>\$20,610,813</b>	<b>\$18,524,450</b>	<b>\$93,204,789</b>

**SOURCES OF PROJECT FUNDING FY 2009 - 2013 (%):**

LOCAL = 20% STATE = 80% FEDERAL = 0% OTHER = 0%

TOTAL PRIOR FUNDING THROUGH 8/31/07  
Continuing

FY 2009-2013 CASH FLOW  
\$93,204,789

BEYOND FY 2013 CASH FLOW  
Continuing

TOTAL PROJECT CASH FLOW  
Continuing



SERVICE AREA  
Sewer

DEPARTMENT  
Utilities

LOCATION  
525 Taylor Street

PROJECT TITLE/PROJECT NUMBER  
**UTILITY DEPARTMENT OFFICE RELOCATION**

PROJECT TYPE  
New

DEPARTMENT PRIORITY  
Project supports essential services

THIS PROJECT ALSO HAS (A) COMPONENT (S) IN:  
Water Capital Project Fund



**PROJECT DESCRIPTION**

Existing office space located in the College Hill Water Plant is inadequate for the Utilities Department administrative and professional staff. Project will renovate the old Filter/Warehouse Building to include HVAC, life and safety code requirements, fire suppression, electrical upgrades and other professional office space improvements.

**RELATIONSHIP TO COMPREHENSIVE PLAN**

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)  
Greg Poff, Assistant Director of Utilities

PROJECT START DATE Q1 FY 2009  
PROJECT COMPLETION DATE Q4 FY 2010

**COMPLETION SCHEDULE**

Activity	Complete - Quarter
Architectural Services (Contractual)	Q3 FY 2009
Construction	Q4 FY 2010

**OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES & PROJECTED STAFFING REQUIREMENTS):**

Slight increase in power usage.

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT**

Sub-Projects	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Estimate
Architectural Services (Contractual)	50,000	0	0	0	0	\$50,000
Construction	425,000	0	0	0	0	\$425,000
<b>TOTAL</b>	<b>\$475,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$475,000</b>

**FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING**

Funding Source	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Total
Local: Pay-As-You-Go	238,000	237,000	0	0	0	\$475,000
<b>TOTAL</b>	<b>\$238,000</b>	<b>\$237,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$475,000</b>

**SOURCES OF PROJECT FUNDING FY 2009 - 2013 (%):**

LOCAL =100% STATE = 0% FEDERAL = 0% OTHER =0%

TOTAL PRIOR FUNDING THROUGH 8/31/07	FY 2009-2013 CASH FLOW	BEYOND FY 2013 CASH FLOW	TOTAL PROJECT CASH FLOW
\$0	\$475,000	\$0	\$475,000



SERVICE AREA  
Sewer

DEPARTMENT  
Utilities

LOCATION  
Concord Turnpike

PROJECT TITLE/PROJECT NUMBER  
**WASTEWATER TREATMENT PLANT IMPROVEMENTS**

PROJECT TYPE  
New

**DEPARTMENT PRIORITY**

Project has legal or regulatory mandate  
Project supports essential services



**PROJECT DESCRIPTION**

General repairs, replacement or renovation to major plant process equipment or structures at the waste water treatment plant. This funding is set aside for unanticipated expenditures for major capital equipment replacement as failures occur to maintain compliance with regulatory requirements. Security improvements include replacement and installation of improved camera surveillance; access controls; controlled access gates; security fencing and area lighting.

**RELATIONSHIP TO COMPREHENSIVE PLAN**

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

**PROJECT MANAGER(S)**  
Scott Parkins, Utilities Engineer

**PROJECT START DATE** Continuing  
**PROJECT COMPLETION DATE** Continuing

**COMPLETION SCHEDULE**

Activity	Complete - Quarter
City Engineering Service Charges	Q1 - Q4 FY 2009 - FY 2013
Consultant Engineering	Q1 - Q4 FY 2009 - FY 2013
Construction	Q1 - Q4 FY 2009 - FY 2013

**OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES & PROJECTED STAFFING REQUIREMENTS):**

Lessens the impact on overall sewer operating budget for large plant equipment.

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT**

Sub-Projects	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Estimate
City Engineering Service Charges	10,000	10,000	10,000	10,000	10,000	\$50,000
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Construction	440,000	440,000	440,000	440,000	440,000	\$2,200,000
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,500,000</b>

**FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING**

Funding Source	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Total
Local: Pay-As-You-Go	526,500	500,000	500,000	500,000	500,000	\$2,526,500
<b>TOTAL</b>	<b>\$526,500</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,526,500</b>

**SOURCES OF PROJECT FUNDING FY 2009 - 2013 (%) :** LOCAL =100% STATE = 0% FEDERAL = 0% OTHER =0%

**TOTAL PRIOR FUNDING THROUGH 8/31/07** Continuing      **FY 2009-2013 CASH FLOW** \$2,526,500      **BEYOND FY 2013 CASH FLOW** Continuing      **TOTAL PROJECT CASH FLOW** Continuing



SERVICE AREA  
Sewer

DEPARTMENT  
Utilities

LOCATION  
Various

PROJECT TITLE/PROJECT NUMBER  
**MAJOR COLLECTION SYSTEM REPAIRS**

PROJECT TYPE  
**Maintenance**

**DEPARTMENT PRIORITY**  
Project supports essential services



**PROJECT DESCRIPTION**

Major repairs or replacement of the City's Wastewater Collection System. Costs of repairs are beyond normal operating budget for the Utility Department.

**RELATIONSHIP TO COMPREHENSIVE PLAN**

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

**PROJECT MANAGER(S)**  
Scott Parkins, Utilities Engineer

**PROJECT START DATE** Continuing  
**PROJECT COMPLETION DATE** Continuing

**COMPLETION SCHEDULE**

Activity	Complete - Quarter
City Engineering Service Charges	Q1 - Q2 FY 2009 - FY 2013
Consultant Engineering	Q1 - Q2 FY 2009 - FY 2013
Construction	Q1 - Q2 FY 2009 - FY 2013

**OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES & PROJECTED STAFFING REQUIREMENTS):**  
Lessens routine maintenance of sewer collection system in the completed project areas.

FIVE YEAR PROPOSED PROJECT **APPROPRIATION** BY SUB-PROJECT

Sub-Projects	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Estimate
City Engineering Service Charges	30,000	30,000	30,000	30,000	30,000	<b>\$150,000</b>
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	<b>\$250,000</b>
Construction	420,000	420,000	420,000	445,000	445,000	<b>\$2,150,000</b>
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$525,000</b>	<b>\$525,000</b>	<b>\$2,550,000</b>

FIVE YEAR PROPOSED PROJECT **EXPENDITURE CASH FLOW PROJECTIONS** BY SOURCE OF FUNDING

Funding Source	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Total
Local: Pay-As-You-Go	500,000	500,000	500,000	525,000	525,000	<b>\$2,550,000</b>
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$525,000</b>	<b>\$525,000</b>	<b>\$2,550,000</b>

**SOURCES OF PROJECT FUNDING FY 2009 - 2013 (%) :** LOCAL =100% STATE = 0% FEDERAL = 0% OTHER =0%

**TOTAL PRIOR FUNDING THROUGH 8/31/07** Continuing      **FY 2009-2013 CASH FLOW** \$2,550,000      **BEYOND FY 2013 CASH FLOW** Continuing      **TOTAL PROJECT CASH FLOW** **Continuing**



SERVICE AREA  
Sewer

DEPARTMENT  
Utilities

LOCATION  
Various

PROJECT TITLE/PROJECT NUMBER  
**RAINLEADER DISCONNECT PROGRAM (CSO)**

PROJECT TYPE  
**Maintenance**

**DEPARTMENT PRIORITY**

Project has legal or regulatory mandate



**PROJECT DESCRIPTION**

As part of the CSO program, the project involves the removal of storm water by disconnection of rainleaders, downspouts and area drains from the sanitary sewer system.

**RELATIONSHIP TO COMPREHENSIVE PLAN**

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion of 2020.

**PROJECT MANAGER(S)**  
Jeff Scarano, CSO Program Manager

**PROJECT START DATE** Continuing  
**PROJECT COMPLETION DATE** Continuing

**COMPLETION SCHEDULE**

Activity	Complete - Quarter
Consultant Engineering	Q1 - Q2 FY 2009 - FY 2013
Inspections (Contractual)	Q1 - Q2 FY 2009 - FY 2013
Miscellaneous	Q1 - Q2 FY 2009 - FY 2013

**OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES & PROJECTED STAFFING REQUIREMENTS):**

Lessens routine maintenance of sewer collection system in the completed project areas.

**FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT**

Sub-Projects	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Estimate
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Inspections (Contractual)	10,000	10,000	10,000	10,000	10,000	\$50,000
Miscellaneous - Disconnect Payments	40,000	40,000	40,000	65,000	65,000	\$250,000
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$550,000</b>

**FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING**

Funding Source	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Program Period Total
Local: Pay-As-You-Go	50,000	100,000	100,000	125,000	125,000	\$500,000
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$500,000</b>

**SOURCES OF PROJECT FUNDING FY 2009 - 2013 (%) :** LOCAL =100% STATE = 0% FEDERAL = 0% OTHER =0%

**TOTAL PRIOR FUNDING THROUGH 8/31/07** Continuing      **FY 2009-2013 CASH FLOW** \$500,000      **BEYOND FY 2013 CASH FLOW** Continuing      **TOTAL PROJECT CASH FLOW** Continuing

**HISTORICAL QUOTE:**

*“On the 7<sup>th</sup> of October I arrived in the town of Lynchburg after an absence from it of nearly three years. I was astonished at the changes which, during this period, had been made. New streets opened, new buildings erected, bustle and activity in every direction, showed it to be a place of considerable and growing importance. The business part of town lies at the foot of a hill, along the margin of the river, quite convenient to the boat navigation; and when the improvements, now begun, shall have been completed, it will be neat, agreeable, and sufficiently handsome. At a little distance from the river the ground is broken into hills, which afford various pleasant and almost picturesque prospects to the beholder. On these hills, quite decent houses for family residences are rising up with great rapidity.”*

*John Holt Rice, “An Excursion into the Country” 1818*

*-- S. Allen Chambers, Lynchburg An Architectural History,  
University Press of Virginia, 1982.*