



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM
Submission to Planning Commission

SERVICE AREA
Water Fund

DEPARTMENT
Public Works

LOCATION
Abert Filtration Plant, Bedford County

PROJECT TITLE

PROJECT # (If existing)

ABERT FILTRATION PLANT LAGOONS

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Revision Lagoon capacity is sufficient to defer project three years.



PROJECT DESCRIPTION

Water containing solids captured by the sedimentation basins and filters discharges to two lagoons where the solids settle. The clean water overflow from the lagoons is discharged to a tributary of the James River under a permit issued by the Virginia DEQ. The permit expires Sep. 1, 2007. Permit conditions require compliance with a sludge management plan previously approved by the DEQ. The plan requires the City to initiate a study of disposal options and select the appropriate option when there is approximately three years of sludge storage left. Measurement of the sludge accumulation indicates that there is sufficient storage for at least 10 years; however, the DEQ has expressed concerns about toxicity caused by aged sludge. Toxicity may become an issue during the permit renewal.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.8, Goal 1, Objective 1.E.1: Maintain sufficient treatment capacity to sustain City growth, while meeting regulatory water quality requirements.

PROJECT MANAGER(S)
Roger Blankenship

PROJECT START DATE Q3 FY 2005
PROJECT COMPLETION DATE Q3 FY 2010

FIXED ASSET DESIGNATION
New Construction Expansion

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4																
										50	50			33	33			33	
																25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Varies depending upon chosen option.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$50,000	\$1,700,000		\$1,750,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering			50,000	100,000		\$150,000
Contract Administration (Contractual)				50,000		\$50,000
Construction					1,500,000	\$1,500,000
TOTAL	\$ 0	\$ 0	\$50,000	\$150,000	\$1,500,000	\$1,700,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4017 Water Capital Project Fund			50,000	150,000	1,500,000	\$1,700,000
TOTAL	\$ 0	\$ 0	\$50,000	\$150,000	\$1,500,000	\$1,700,000

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

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond			50,000	100,000	800,000	\$950,000
TOTAL	\$ 0	\$ 0	\$50,000	\$100,000	\$800,000	\$950,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = % FEDERAL = % OTHER = %

DEPARTMENT PRIORITY

Project has legal or regulatory mandate Project supports essential services



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM
Submission to Planning Commission

SERVICE AREA
Water Fund

DEPARTMENT
Public Works

LOCATION
 Various location within City limits

PROJECT TITLE
ANNUAL WATER PETITIONS, (FORMERLY WATER EXTENSIONS)

PROJECT # (If existing)
 N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
 Continuation N/A



PROJECT DESCRIPTION

Extensions of water lines are requested by petition process. These requests may include existing non-served properties, commercial development and new residential subdivisions. Also for reimbursement of developer costs to construct City water lines per City Code.

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 capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
 Lee Newland

PROJECT START DATE Recurring
 PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
 New Construction/Expansion

TIMETABLE

% Appropriation Needed
 Engineering & Architectural
 Construction

	FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
	Q1	Q2	Q3	Q4																
Engineering & Architectural	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Construction	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
 Increases revenue from new water service customers, and increases costs to maintain new lines.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006-2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$1,750,000	Continuing	Continuing

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges	40,000	40,000	40,000	40,000	40,000	\$200,000
Construction	310,000	310,000	310,000	310,000	310,000	\$1,550,000
TOTAL	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4017 Water Capital Project Fund	350,000	350,000	350,000	350,000	350,000	\$1,750,000
TOTAL	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000

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

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	350,000	350,000	350,000	350,000	350,000	\$1,750,000
TOTAL	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL =100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

Project supports essential services

Project contributes to generation of new revenue



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM
Submission to Planning Commission

SERVICE AREA
Water Fund

DEPARTMENT
Public Works

LOCATION
 525 Taylor Street

PROJECT TITLE
COLLEGE HILL FILTRATION PLANT FILTERS

PROJECT #*(If existing)*

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
 Revision A backwash tank and new line to replace the deteriorated existing backwash line has been added to the request.
 The estimated cost is based on a study completed in July 2003.



PROJECT DESCRIPTION

The 14.0 million gallon per day College Hill plant was last upgraded in 1985. The filters are in need of repair. The project will include, depending on the Preliminary Engineering Report recommendations, renovation and replacement of filter media, bottoms, troughs, walls, surface wash or air scour equipment, valves and actuators, rate of flow controllers, water quality instrumentation, filter consoles, and associated SCADA equipment. The project may include modifications to chemical feed systems, laboratory improvements, control room and SCADA improvements, general building repairs, addition of a backwash surge tank, and rehabilitation or replacement of the existing backwash piping to sewer.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.8, Goal 1, Objective 1.E.1: Maintain sufficient treatment capacity to sustain City growth, while meeting regulatory water quality requirements.

PROJECT MANAGER(S)
 Roger Blankenship

PROJECT START DATE Q3 FY 2005
 PROJECT COMPLETION DATE Q3 FY 2007

FIXED ASSET DESIGNATION
 Maintenance/Capital Outlay

TIMETABLE

% *Appropriation Needed*
Engineering & Architectural
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4																
60		20	20	45	45	10													
		50	50	50	50														

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

The overall impact to the operating budget will be negligible.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006-2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$200,000	\$3,432,000		\$3,632,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	129,000					\$129,000
Contract Administration (Contractual)	223,000					\$223,000
Construction	2,800,000					\$2,800,000
Contingency	280,000					\$280,000
TOTAL	\$3,432,000	\$ 0	\$ 0	\$ 0	\$ 0	\$3,432,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4017 Water Capital Project Fund	3,432,000					\$3,432,000
TOTAL	\$3,432,000	\$ 0	\$ 0	\$ 0	\$ 0	\$3,432,000

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

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond	1,769,000	1,663,000				\$3,432,000
TOTAL	\$1,769,000	\$1,663,000	\$ 0	\$ 0	\$ 0	\$3,432,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = % FEDERAL = % OTHER = %

DEPARTMENT PRIORITY

Project supports essential services



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM
Submission to Planning Commission

SERVICE AREA
Water Fund

DEPARTMENT
Public Works

LOCATION
 Various locations within City limits

PROJECT TITLE
DISTRIBUTION SYSTEM IMPROVEMENTS

PROJECT # (If existing)
 N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
 Continuation N/A



PROJECT DESCRIPTION
 Water distribution system improvements at various locations throughout the City.

RELATIONSHIP TO COMPREHENSIVE PLAN
 Chapter 15, Page 15.8, Goal 1, Objective 1.E. 4: Implement, to the maximum extent feasible, the Water System Master Plan update recommendations for the long-term maintenance of water supply and transmission capacity.

PROJECT MANAGER(S)
 Roger Blankenship

PROJECT START DATE Recurring
 PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
 New Construction/Expansion

TIMETABLE

% Appropriation Needed
 Engineering & Architectural
 Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4																
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
 Lessens the impact on overall water operating budget for repairs and line breaks.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006-2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$3,750,000	Continuing	Continuing

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	75,000	75,000	75,000	75,000	75,000	\$375,000
Construction	675,000	675,000	675,000	675,000	675,000	\$3,375,000
TOTAL	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4017 Water Capital Project Fund	750,000	750,000	750,000	750,000	750,000	\$3,750,000
TOTAL	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

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

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond	750,000	750,000	750,000	750,000	750,000	\$3,750,000
TOTAL	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = % FEDERAL = % OTHER = %

DEPARTMENT PRIORITY
 Project supports essential services



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM
Submission to Planning Commission

SERVICE AREA
Water Fund

DEPARTMENT
Public Works

LOCATION
 Various

PROJECT TITLE
LARGE WATER METER REPLACEMENT

PROJECT # (If existing)
 N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
 Revision Program will be completed with prior appropriation.



PROJECT DESCRIPTION
 Program for replacement of large (3" and over) water meters.

RELATIONSHIP TO COMPREHENSIVE PLAN
 Chapter 15, Page 15.7, Goal 1, Objective 1.A: Maintenance & Replacement. Continue with Public Works Department's focus on maintenance of the existing water system and replacement of old mains.

PROJECT MANAGER(S)
 Tim Mitchell, Joe Dawson

PROJECT START DATE Recurring
 PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
 New Construction/Expansion

TIMETABLE

% Appropriation Needed
 Engineering & Architectural
 Construction

	FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
	Q1	Q2	Q3	Q4																
Engineering & Architectural																				
Construction																				

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
 Increases revenue from new water service customers.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
500,000	0	0	0

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Construction						\$ 0
TOTAL	\$ 0					

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4031 Airport Capital Project Fund						\$ 0
4032 Airport Project Grant Fund						\$ 0
TOTAL	\$ 0					

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

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Federal: Please Specify Agency						\$ 0
Other: Please Specify Agency						\$ 0
TOTAL	\$ 0					

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100 STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

- Project supports essential services Project contributes to generation of new revenue



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM
Submission to Planning Commission

SERVICE AREA
Water Fund

DEPARTMENT
Public Works

LOCATION
 Various location within City limits

PROJECT TITLE
WATER MAIN REPLACEMENT- COMBINED SEWER OVERFLOW (CSO)

PROJECT # (If existing)
 N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
 Continuation N/A



PROJECT DESCRIPTION

Replacement of existing small water lines (1", 1-1/2", 2" and 4") located throughout the combined sewer area of the City with 8-inch diameter water main lines. Replacement is in conjunction with construction of CSO projects.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1.A: Continue with Public Works Department's focus on maintenance of the existing water system and replacement of old mains.

PROJECT MANAGER(S)
 Greg Poff, CSO Program Manager

PROJECT START DATE Recurring
 PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
 New Construction/Expansion

TIMETABLE

% Appropriation Needed
 Engineering & Architectural
 Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4																
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
 Lessens the impact on overall water operating budget for repairs and line breakages.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$2,350,000	Continuing	Continuing

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges	30,000	30,000	30,000	30,000	30,000	\$150,000
Consultant Engineering	30,000	30,000	30,000	30,000	30,000	\$150,000
Construction	280,000	280,000	280,000	280,000	630,000	\$1,750,000
Contingency	60,000	60,000	60,000	60,000	60,000	\$300,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$750,000	\$2,350,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4017 Water Capital Project Fund	400,000	400,000	400,000	400,000	750,000	\$2,350,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$750,000	\$2,350,000

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

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond					350,000	\$350,000
Local: Pay-As-You-Go	400,000	400,000	400,000	400,000	400,000	\$2,000,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$750,000	\$2,350,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100 STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

Project supports essential services

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

Sewer Capital Projects Fund



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM
Submission to Planning Commission

SERVICE AREA
Water Fund

DEPARTMENT
Public Works

LOCATION
 Various

PROJECT TITLE
WATER TANK REHABILITATION

PROJECT # (If existing)

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
 Revision The current request is based on inspection reports completed in 2004.



PROJECT DESCRIPTION

Rehabilitation of water tanks: Mill Lane & College Hill Coag Tanks 1 and 2 summer 2005, Fort Hill Tanks 1 and 2 summer 2006, College Hill 4.5 MG summer 2007, Boonsboro Road (dismantle) and Clay Street Reservoir (decommission) summer 2008, and Leesville Road and Candler Mountain summer 2009, and Huntingwood summer 2010. Engineering services for this project began in FY 2004 with the award of tank engineering services contract. Inspections of seven tanks have been completed and engineering, bidding, and construction will begin in FY 2005. This project is necessary to maintain compliance with Water Quality Standards

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1, Objective 1.A.1: Focus on the maintenance of the existing water system and replacement of old mains.

PROJECT MANAGER(S)
 William S. Shenk, Utilities Engineer

PROJECT START DATE 04/2004
 PROJECT COMPLETION DATE 06/2011

FIXED ASSET DESIGNATION
 Maintenance/Capital Outlay

TIMETABLE

% Appropriation Needed
 Engineering & Architectural
 Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4												
70	10		20	40	15		45	35	20		45					75	85	15	
85			15	45			55	55			45					100	100		

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

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$2,500,000	\$3,555,000	\$658,000	\$6,713,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	10,000	11,000	19,000	20,000	10,000	\$70,000
Contract Administration (Contractual)	20,000	10,000	16,000	10,000	10,000	\$66,000
Inspections (Contractual)	103,000	50,000	54,000	50,000	50,000	\$307,000
Construction	622,000	557,000	552,000	500,000	500,000	\$2,731,000
Contingency	160,000	56,000	55,000	50,000	50,000	\$371,000
TOTAL	\$915,000	\$684,000	\$696,000	\$630,000	\$630,000	\$3,555,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4017 Water Capital Project Fund	915,000	684,000	696,000	630,000	630,000	\$3,555,000
TOTAL	\$915,000	\$684,000	\$696,000	\$630,000	\$630,000	\$3,555,000

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

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond	1,886,000	684,000	696,000	630,000	630,000	\$4,526,000
TOTAL	\$1,886,000	\$684,000	\$696,000	\$630,000	\$630,000	\$4,526,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = % FEDERAL = % OTHER = %

DEPARTMENT PRIORITY

Project has legal or regulatory mandate

Project supports essential services



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM
Submission to Planning Commission

SERVICE AREA **Water Fund** DEPARTMENT **Public Works** LOCATION **Abert Water Treatment Plant, Bedford County, and College Hill Water Treatment Plant**

PROJECT TITLE **WATER TREATMENT PLANT IMPROVEMENTS** PROJECT # (If existing) **N/A**

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
 Continuation **N/A**



PROJECT DESCRIPTION

General repairs, replacement or renovation to major plant process equipment or structures at the Abert and College Hill Water Plants. This money is set aside for unanticipated expenditures for major capital equipment replacement as failures occur to maintain compliance with regulatory requirements.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.8, Goal 1, Objective 1.E.1: Maintain sufficient treatment capacity to sustain City growth, while meeting regulatory water quality requirements.

PROJECT MANAGER(S) **Tim Mitchell, Director of Utilities** PROJECT START DATE **Recurring** FIXED ASSET DESIGNATION **New Construction/Expansion**
 PROJECT COMPLETION DATE **Recurring**

TIMETABLE

*% Appropriation Needed
 Engineering & Architectural
 Construction*

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4																
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
 Lessens the impact on overall water operating budget for large plant equipment

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04 **Continuing** FY 2006 -2010 ESTIMATE **\$1,250,000** BEYOND FY 2010 ESTIMATE **Continuing** TOTAL PROJECT ESTIMATE **Continuing**

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges	50,000	50,000	50,000	50,000	50,000	\$250,000
Construction	200,000	200,000	200,000	200,000	200,000	\$1,000,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4017 Water Capital Project Fund	250,000	250,000	250,000	250,000	250,000	\$1,250,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

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

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	250,000	250,000	250,000	250,000	250,000	\$1,250,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100 STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

Project has legal or regulatory mandate Project supports essential services