



*Landfill Operations*



**SOLID WASTE MANAGEMENT FUND CAPITAL PROJECTS SUMMARY OF APPROPRIATIONS**

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>
<b>Resources:</b>					
Reserve for Future Landfill Expansion	\$1,103,355	\$1,119,751	\$0	\$0	\$0
Reserve for Landfill Closure	553,212	565,889	0	0	0
Total Estimated Resources	<u><b>\$1,656,567</b></u>	<u><b>\$1,685,640</b></u>	<u><b>\$0</b></u>	<u><b>\$0</b></u>	<u><b>\$0</b></u>
<b>Proposed Projects:</b>					
Development of Landfill Site, Phase IV	\$553,212	\$565,889	\$0	\$0	\$0
Closure of Landfill Site, Phase I	1,103,355	1,119,751	0	0	0
Total Proposed Projects	<u><b>\$1,656,567</b></u>	<u><b>\$1,685,640</b></u>	<u><b>\$0</b></u>	<u><b>\$0</b></u>	<u><b>\$0</b></u>



**SOLID WASTE MANAGEMENT FUND CAPITAL PROJECTS FINANCING PLAN**

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 each even numbered fiscal year.

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>
Balance Forward	\$360,078	\$0	\$0	\$0	\$0
Income:					
Transfer From Reserve for Future Landfill Expansion	\$1,103,355	\$1,119,751	\$0	\$0	\$0
Transfer From Reserve for Landfill Closure	553,212	565,889	0	0	0
Balance and Income	<u>\$1,656,567</u>	<u>\$1,685,640</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Cash Flow Requirements					
FY 2008-2012 CIP Projects	\$1,656,567 <sup>1</sup>	\$1,685,640 <sup>1</sup>	\$0	\$0	\$0
Total Expenditures	<u>\$1,656,567</u>	<u>\$1,685,640</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Balance Forward	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

<sup>1</sup> Source: Department of Public Works



FIVE-YEAR PROPOSED PROGRAMMING TO BE FINANCED BY THE CITY

Project Title	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
<b>SOLID WASTE</b>					
Closure of Landfill Site, Phase I	553,212	565,889	0	0	0
Source of Funding					
Pay-As-You-Go	553,212	565,889	0	0	0
Development of Landfill Site, Phase IV	1,103,355	1,119,751	0	0	0
Source of Funding					
Pay-As-You-Go	1,103,355	1,119,751	0	0	0
<b>Total Estimates Submitted FY 2008-2012 CIP</b>	<b>\$1,656,567</b>	<b>\$1,685,640</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Source of Funding					
G.O. Bond	0	0	0	0	0
Pay-As-You-Go	1,656,567	1,685,640	0	0	0
Other	0	0	0	0	0



FIVE-YEAR ESTIMATED NET COST	APPROPRIATIONS THROUGH 7/1/06	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
1,119,101	35,521	0	\$1,154,622
2,223,106	35,521	0	\$2,258,627
<hr/>	<hr/>	<hr/>	<hr/>
\$3,342,207	\$71,042	\$0	\$3,413,249
\$0			
\$3,342,207			
<hr/>			
\$3,342,207			



SERVICE AREA  
**Solid Waste Management Fund**

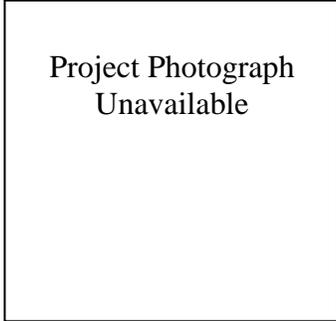
DEPARTMENT  
**Public Works**

LOCATION  
2525 Concord Turnpike  
PROJECT #  
(If existing)  
N/A

PROJECT TITLE

**CLOSURE OF LANDFILL SITE, PHASE I**

REQUEST TYPE If request is a revision from previous year's submission, please describe changes and explain reason for change  
Revision Adjusted timetable (schedule of project and timeline) and inflationary factor.



PROJECT DESCRIPTION

Closure of approximately eight (8) acres of the City's landfill development in response to statutes and regulatory mandates by the Commonwealth of Virginia.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal #4: Maintain the focus on the City's long term solid waste management needs, including the regionalization of solid waste management services.  
Objective 4.A. Surplus Capacity. Maintain surplus landfill capacity.

PROJECT MANAGER(S)  
David Owen, Director of Public Works

PROJECT START DATE 01/2007  
PROJECT COMPLETION DATE 12/2008

FIXED ASSET DESIGNATION  
Maintenance/Capital Outlay

TIMETABLE

Activity (% Complete)  
Engineering & Architectural  
Construction

	FY 2008				FY 2009				FY 2010				FY 2011				FY 2012			
	Q1	Q2	Q3	Q4																
15	17	17	17	17	17	17														
			25	25	25	25														

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

Undetermined at this time

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/06 \$35,521  
FY 2008 -2012 ESTIMATE \$1,119,101  
BEYOND FY 2012 ESTIMATE \$0  
TOTAL PROJECT ESTIMATE \$1,154,622

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Program Period Estimate
City Engineering Service Charges	8,223	4,852				\$13,075
Consultant Engineering	76,108	54,341				\$130,449
Contract Administration (Contractual)	27,182	28,541				\$55,723
Construction	441,699	463,783				\$905,482
Miscellaneous		14,372				\$14,372
<b>TOTAL</b>	<b>\$553,212</b>	<b>\$565,889</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$1,119,101</b>

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Program Period Estimate
4010 Solid Waste Capital Project Fund	553,212	565,889				\$1,119,101
<b>TOTAL</b>	<b>\$553,212</b>	<b>\$565,889</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$1,119,101</b>

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

Funding Source	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Total Funding
Local: Pay-As-You-Go	553,212	565,889				\$1,119,101
<b>TOTAL</b>	<b>\$553,212</b>	<b>\$565,889</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$1,119,101</b>

SOURCES OF PROJECT FUNDING FY 2008 – 2012 (IN %): LOCAL = 100% STATE = 0% FEDERAL = 0% OTHER = 0%

DEPARTMENT PRIORITY

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

- Project has legal or regulatory mandate
- Project supports essential services



**FY 2008 – 2012 CAPITAL IMPROVEMENT PROGRAM ——— WASTE MANAGEMENT FUND**

SERVICE AREA  
**Solid Waste Management Fund**

DEPARTMENT  
**Public Works**

LOCATION  
2525 Concord Turnpike  
PROJECT #  
(If existing)

PROJECT TITLE

**DEVELOPMENT OF LANDFILL SITE, PHASE IV**

REQUEST TYPE If request is a revision from previous year's submission, please describe changes and explain reason for change  
Revision Adjusted timetable (schedule of project and timeline) and inflationary factor.



PROJECT DESCRIPTION

Open Phase IV of the 4-phase landfill development project, in response to statutes and regulatory mandates by the Commonwealth of VA including additional ravine excavation, installation of clay and plastic liners and extension of the leachate system.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal #9: Maintain the focus on the City's long term solid waste management needs, including the regionalization of solid waste management services.  
Objective 4.A. Surplus Capacity. Maintain surplus landfill capacity.

PROJECT MANAGER(S)  
David Owen, Director of Public Works

PROJECT START DATE 01/2007  
PROJECT COMPLETION DATE 12/2008

FIXED ASSET DESIGNATION  
New Construction/Expansion

TIMETABLE

Activity (% Complete)  
Engineering & Architectural Construction

FY 2008				FY 2009				FY 2010				FY 2011				FY 2012			
Q1	Q2	Q3	Q4																
15	17	17	17	17	17														
		20	30	40	10														

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):  
Undetermined at this time

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/06	FY 2008 -2012 ESTIMATE	BEYOND FY 2012 ESTIMATE	TOTAL PROJECT ESTIMATE
\$35,521	\$2,223,106	\$0	\$2,258,627

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Program Period Estimate
City Engineering Service Charges	7,500	4,281				\$11,781
Consultant Engineering	110,678	81,035				\$191,713
Contract Administration (Contractual)	16,649	17,481				\$34,130
Construction	959,930	1,007,926				\$1,967,856
Miscellaneous	8,598	9,028				\$17,626
<b>TOTAL</b>	<b>\$1,103,355</b>	<b>\$1,119,751</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$2,223,106</b>

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Program Period Estimate
4010 Solid Waste Capital Project Fund	1,103,355	1,119,751				\$2,223,106
<b>TOTAL</b>	<b>\$1,103,355</b>	<b>\$1,119,751</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$2,223,106</b>

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

Funding Source	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Total Funding
Local: Pay-As-You-Go	1,103,355	1,119,751				\$2,223,106
<b>TOTAL</b>	<b>\$1,103,355</b>	<b>\$1,119,751</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$2,223,106</b>

SOURCES OF PROJECT FUNDING FY 2008 – 2012 (IN %): LOCAL = 100% STATE = 0% FEDERAL = 0% OTHER = 0%

DEPARTMENT PRIORITY

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

- Project has legal or regulatory mandate
- Project supports essential services

**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.*