

11.0 Permit Requirements

A. Permit Administration

Baltimore County shall designate an individual to act as a liaison with the Maryland Department of the Environment (MDE) and provide the coordinator's name, title, address, phone number, and email address. Additionally, the County shall submit to MDE an organizational chart detailing personnel and groups responsible for major National Pollutant Discharge Elimination System (NPDES) program tasks with each annual report.

B. Legal Authority

Adequate legal authority shall be maintained in accordance with the NPDES regulation 40 CFR 122.26(d)(2)(i) throughout the term of this permit. In the event that any provisions of its legal authority are found to be invalid, the County shall make the necessary changes to maintain adequate legal authority.

I. Program Funding

1. Annually, a fiscal analysis of the capital, operation, and maintenance expenditures necessary to comply with all conditions of this permit shall be submitted as required in Part IV below.
2. Adequate program funding to comply with all conditions of this permit shall be maintained.

11.1 Permit Administration

The designated individual to act as a liaison with Maryland Department of the Environment is:

Steve Stewart

Chief, Watershed Management and Monitoring Section

Baltimore County Department of Environmental Protection and Resource Management

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Towson, MD 21204

410-887-4488 x240

sstewart@baltimorecountymd.gov

The major NPDES program tasks are listed in Table 11-1, along with the Baltimore County Departments and associated bureaus or sections responsible for implementation. The County has designated an NPDES Management Committee, composed of representatives from agencies involved in NPDES activities, that meets on a periodic basis for updates and coordination. The main focus of the NPDES Management Committee over the last year has been County property management.

Table 11-1: Major NPDES Program Tasks and Responsible Baltimore County Agencies

NPDES Program Task	Department - Section
Program Administration	DEPRM – Watershed Management and Monitoring
Legal Authority	DEPRM - Administration Baltimore County – Law Office
Source Identification	DEPRM – Watershed Management and Monitoring DEPRM – Policy, Research, Education, and Communication OIT – Geographic Information Systems
Stormwater Management – Review	DEPRM – Stormwater Engineering
Stormwater Management – Inspections	DEPRM – Stormwater Engineering DEPRM – Capital Program and Operations
Erosion and Sediment Control	DEPRM – Inspection and Enforcement
Illicit Discharge Detection and Elimination	DEPRM – Watershed Management and Monitoring DEPRM – Environmental Health
County Property Management	DPW – Highways Bureau DPW – Utilities Bureau Department of Recreation and Parks Community College of Baltimore County Dept. of Education
Road Maintenance	DPW – Highways Bureau – Street Sweeping DPW – Utilities Bureau – Storm Drain Cleaning DEPRM – Watershed Management and Monitoring – Data Management
Public Education	DEPRM – All Sections DEPRM – Policy, Research, Education, and Communication – Major Component
Watershed Assessment and Planning	DEPRM – Watershed Management and Monitoring
Watershed Restoration	DEPRM – Capital Program and Operations
Assessment of Controls	DEPRM – Watershed Management and Monitoring
Program Funding	DEPRM – Finance and Administration
Total Maximum Daily Loads	DEPRM – Watershed Management and Monitoring
Annual Report	DEPRM – Watershed Management and Monitoring DEPRM – Policy, Research, Education, and Communication
Reapplication for NPDES Permit	DEPRM – Watershed Management and Monitoring

DEPRM = Department of Environmental Protection and Resource Management

DPW = Department of Public Works

OIT = Office of Information Technology

The organizational chart submitted as part of the budget request for fiscal year 2007 for the Baltimore County Department of Environmental Protection and Resource Management is displayed in Exhibit 11-1. Exhibit 11-2 is DEPRM’s departmental organization effective June 15, 2007. The FY2008 budget did not include any additional staff positions for the Department of Environmental Protection and Resource Management.

11.2 Legal Authority

The County continues to maintain adequate legal authority.

11.3 Fiscal Analysis

Table 11-2 displays the operation and maintenance costs for FY2007 and the projected salary expenses through FY 2013. Table 11-3 summarizes the annual fiscal year Capital Program costs through 2011. Both the operating budget and the capital budget are developed annually by the Baltimore County Executive and submitted to the Baltimore County Council for approval. The level of commitment for operating and capital funding is fixed for the approved budgets. The projected budgets may change due to budgetary constraints.

Table 11-2: NPDES Operating Budget

FY 2007 Actual	FY 2008 Budgeted	FY 2009 Projected	FY 20010 Projected	FY 2011 Projected	FY 2012 Projected	FY 2013 Projected
6,723,412	6,925,114	7,132,867	7,346,853	7,567,259	7,794,277	8,048,011

Table 11-3: Capital Program

FY 2007 Actual	FY 2008 Budgeted	FY 2009 Projected	FY 20010 Projected	FY 2011 Projected	FY 2012 Projected	FY 2013 Projected
18,000,000	17,600,000	0	9,340,000	0	9,860,000	0

The Capital Program is on a two-year funding cycle; therefore, the second year of the funding cycle indicates a zero dollar amount. Not all of the Capital Program funds are directly related to the NPDES permit. While dredging and shore erosion control projects are not directly related to the permit because they do not address stormwater, they are indirectly related because they address pollutant load reduction. The dredging projects require retrofitting the watershed draining to the dredged water body to reduce sediment loads. The retrofits typically take the form of various types of stormwater management facilities that reduce pollutants. The shore erosion control projects reduce pollutant loads of sediment and other pollutants associated with sediment to tidal waters.

Tables 11-4 through 11-8 displays the anticipated Capital Program expenditures by watershed. The watersheds are organized in accordance with the Maryland Tributary Strategies boundaries. There are three budget categories that are not watershed specific. These are listed separately. Each two-year funding cycle is represented as a separate table.

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Table 11-4: Baltimore County Environmental Capital Improvement Program - Fiscal Year 2007

Project	Budget Number	Total (\$)
Upper Western Shore Watershed		
Deer Creek	-	0
Prettyboy Watershed	-	0
Loch Raven Watershed	221-0103	900,000
Lower Gunpowder Watershed	221-0106	2,550,000
Little Gunpowder Watershed	221-0104	0
Bird River Watershed	221-0105	1,220,000
Gunpowder Watershed	221-0107	2,530,000
Middle River Watershed	221-0108	725,000
Patapsco Back Watershed		
Liberty Watershed	-	0
Patapsco Watershed	221-0110	125,000
Gwynns Falls Watershed	221-0111	1,700,000
Jones Falls Watershed	221-0112	875,000
Back River Watershed	221-0114	3,025,000
Baltimore Harbor Watershed	221-0113	450,000
Non-Watershed Specific Funding		
Watershed Restoration	221-0100	725,000
Environmental Management	221-0200	2,050,000
Waterway Improvement Projects	221-0300	920,000
Comm. Conservation Waterway Impr.	221-0900	125,000
Total:		18,000,000

Table 11-5: Baltimore County Environmental Capital Improvement Program - Fiscal Years 2008 & 2009

Project	Budget Number	Total (\$)
Upper Western Shore Watershed		
Deer Creek	-	0
Prettyboy Watershed	-	0
Loch Raven Watershed	221-0103	350,000
Lower Gunpowder Watershed	221-0106	0
Little Gunpowder Watershed	221-0104	0
Bird River Watershed	221-0105	300,000
Gunpowder Watershed	221-0107	200,000
Middle River Watershed	221-0108	250,000
Patapsco Back Watershed		
Liberty Watershed	-	0
Patapsco Watershed	221-0110	0
Gwynns Falls Watershed	221-0111	1,000,000
Jones Falls Watershed	221-0112	2,200,000
Back River Watershed	221-0114	450,000
Baltimore Harbor Watershed	221-0113	6,455,000
Non-Watershed Specific Funding		
Watershed Restoration	221-0100	1,530,000
Environmental Management	221-0200	1,630,000
Waterway Improvement Projects	221-0300	1,610,000
Comm. Conservation Waterway Impr.	221-0900	1,625,000
Total:		17,600,000

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Table 11-6: Baltimore County Environmental Capital Improvement Program - Fiscal Years 2010 & 2011

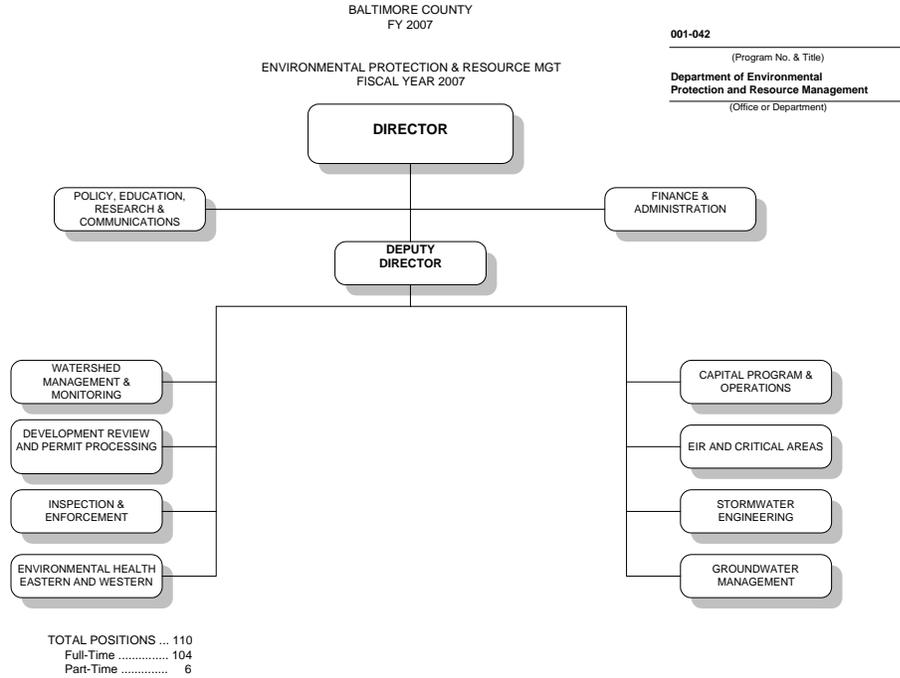
Project	Budget Number	Total (\$)
Upper Western Shore Watershed		
Deer Creek	-	0
Prettyboy Watershed	221-0102	225,000
Loch Raven Watershed	221-0103	850,000
Lower Gunpowder Watershed	221-0106	500,000
Little Gunpowder Watershed	221-0104	0
Bird River Watershed	221-0105	300,000
Gunpowder Watershed	221-0107	0
Middle River Watershed	221-0108	800,000
Patapsco Back Watershed		
Liberty Watershed	-	0
Patapsco Watershed	221-0110	0
Gwynns Falls Watershed	221-0111	3,100,000
Jones Falls Watershed	221-0112	400,000
Back River Watershed	221-0114	200,000
Baltimore Harbor Watershed	221-0113	50,000
Non-Watershed Specific Funding		
Watershed Restoration	221-0100	1,190,000
Environmental Management	221-0200	1,225,000
Comm. Conservation Waterway Impr.	221-0900	500,000
Total:		9,340,000

Table 11-7: Baltimore County Environmental Capital Improvement Program – Fiscal Year 2012

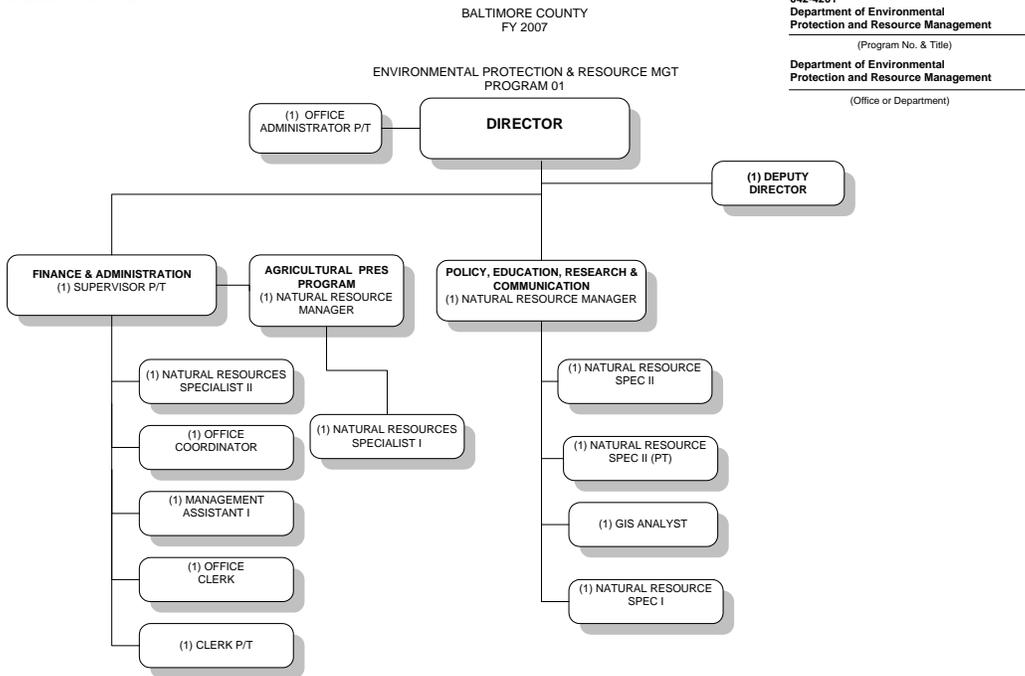
Project	Budget Number	Total (\$)
Upper Western Shore Watershed		
Deer Creek	-	0
Prettyboy Watershed	-	450,000
Loch Raven Watershed	221-0103	1,000,000
Lower Gunpowder Watershed	221-0106	1,050,000
Little Gunpowder Watershed	221-0104	250,000
Bird River Watershed	221-0105	850,000
Gunpowder Watershed	221-0107	0
Middle River Watershed	221-0108	0
Patapsco Back Watershed		
Liberty Watershed	-	0
Patapsco Watershed	221-0110	300,000
Gwynns Falls Watershed	221-0111	1,450,000
Jones Falls Watershed	221-0112	0
Back River Watershed	221-0114	880,000
Baltimore Harbor Watershed	221-0113	500,000
Non-Watershed Specific Funding		
Watershed Restoration	221-0100	1,405,000
Environmental Management	221-0200	1,225,000
Comm. Conservation Waterway Impr.	221-0900	500,000
Total:		9,860,000

Exhibit 11-1: Department of Environmental Protection and Resource Management Table of Organization for FY2008

BUDGET FORM NO. 2



BUDGET FORM NO. 2



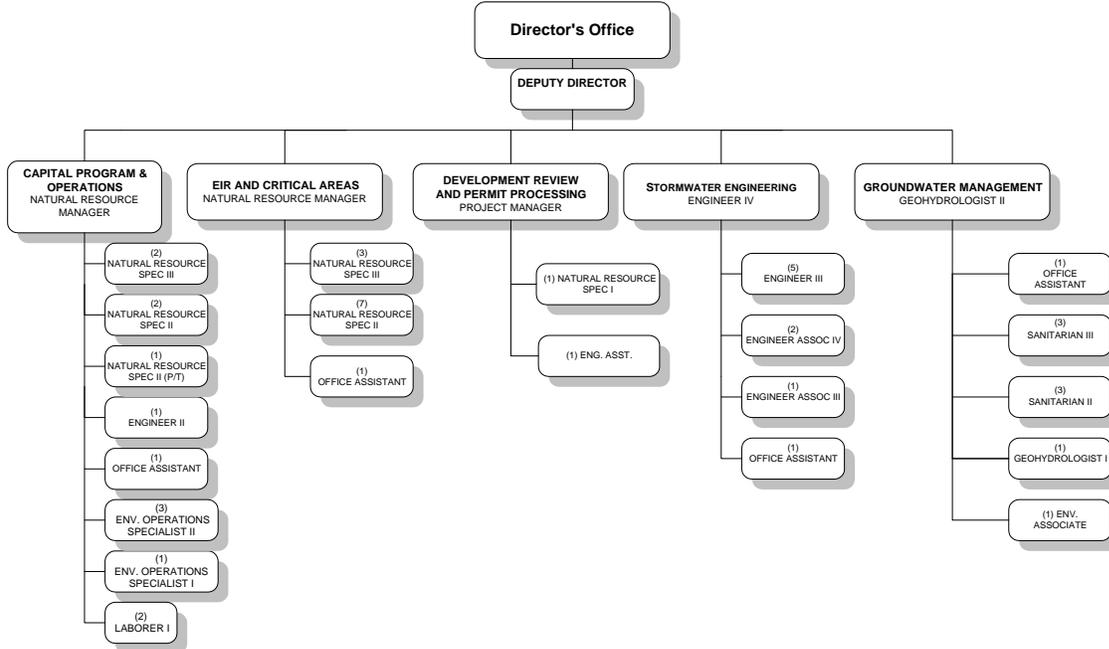
NPDES - 2007 Annual Report Section 11 – Fiscal Analysis

BUDGET FORM NO. 2

BALTIMORE COUNTY
FY 2007

042-4201
Department of Environmental
Protection and Resource Management
(Program No. & Title)
Department of Environmental
Protection and Resource Management
(Office or Department)

ENVIRONMENTAL PROTECTION & RESOURCE MGT
PROGRAM 01



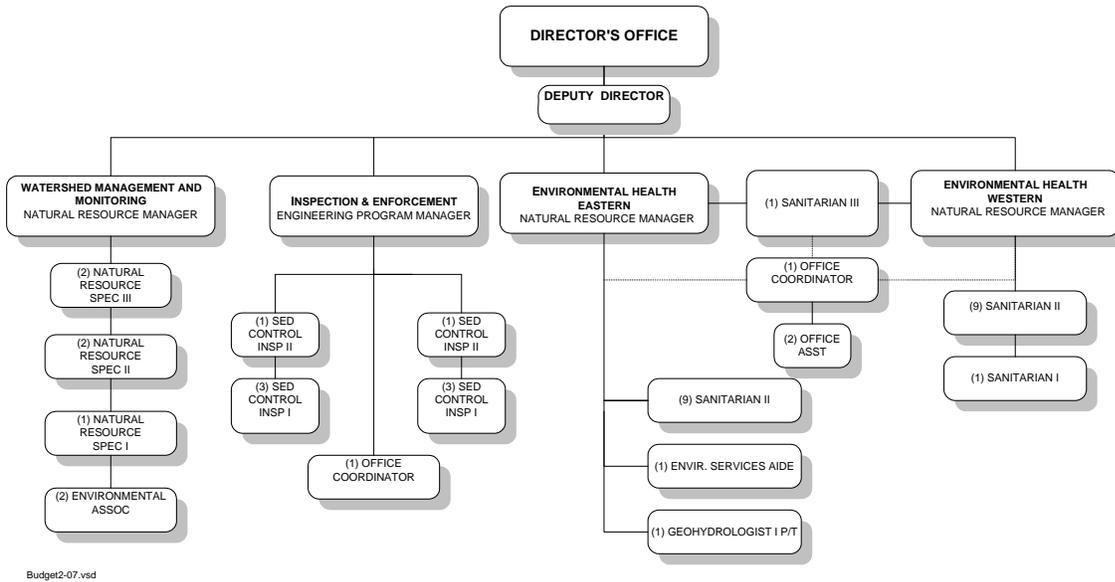
BUDGET FORM NO. 2

BALTIMORE COUNTY
FY 2007

042-4201
Department of Environmental
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PROGRAM 01

Department of Environmental
Protection and Resource Management
(Office or Department)



**Exhibit 11-2: Department of Environmental Protection and Resource Management Staff
Organizational Chart Effective June 15, 2007**

