

**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  
 Manager, Watershed Management and Monitoring Section  
 Baltimore County Department of Environmental Protection and Sustainability  
 105 West Chesapeake Avenue, Suite 400  
 Towson, MD 21204  
 410-887-4488 x240  
[sstewart@baltimorecountymd.gov](mailto: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	EPS – Watershed Management and Monitoring
Legal Authority	EPS- Administration Office of Law
Source Identification	EPS – Watershed Management and Monitoring

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

EPS = 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 2011 for the Baltimore County Department of Environmental Protection and Sustainability is displayed in Exhibit 11-1. Exhibit 11-2 is EPS’s departmental organization effective April 2010.

## **11.2 Legal Authority**

The County continues to maintain adequate legal authority in all areas related to implementation of its NPDES permit. Several regulatory changes, initiated by the State have been addressed this year by Baltimore County.

### *11.2.1 Stormwater Management*

The SWM Act of 2007 required each jurisdiction to change its local ordinance and design manual. These revisions were initiated in 2009 by Baltimore County and completed in May 2010. Bill 25-10 was passed by the County Council on May 27, 2010.

### *11.2.2 Chesapeake Bay Critical Area*

The Chesapeake Bay Critical Area regulations were revised during the 2008 legislative session. This led to changes in enforcement and fines for violations. The Critical Area Commission also received the ability to promulgate its own regulations. Since then the Commission has changed the rules on grandfathering and lot consolidation, and most recently the retribution for impacts to the buffer. Baltimore County is currently implementing these changes as required by the State Law.

*11.2.3 Soil Erosion and Sediment Control*

The 1994 Maryland Standards and Specifications Manual for Soil Erosion and Sediment Control have been revised by MDE. These changes will augment the current practices for greater improvements to water quality. Baltimore County is currently implementing these changes as required by the State Law.

**11.3 Fiscal Analysis**

Table 11-2 displays the operating costs for FY2010 and the projected operating costs, using a 3% escalator, through FY 2015. Table 11-3 summarizes the capital budget and program through 2017. Both the operating budget and the capital budget and program are submitted annually by the Baltimore County Executive to the Baltimore County Council for approval. The level of commitment for operating and capital funding is fixed through FY2012. Funding for FY2013-2014 will be voted on by citizens as a bond referendum in the November 2012 election.

Table 11-2: NPDES Operating Budget

FY 2012 Projected	FY 2013 Projected	FY 2014 Projected	FY 2015 Projected	FY 2016 Projected	FY 2017 Projected
\$6,440,332	\$6,633,542	\$6,832,548	\$7,037,525	\$7,248,650	\$7,466,110

Table 11-3: Capital Budget and Program

FY 2011 Budgeted	FY 2012 Budgeted	FY 2013 Projected	FY 2014 Projected	FY 2015 Projected	FY 2016 Projected	FY 2017 Projected
\$2,600,000	\$11,533,000	\$0	\$10,021,000	\$0	\$8,196,00	\$0

Not all of the operating and capital funds are directly related to the NPDES permit. While dredging 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 projects that reduce sediment loads within the same watershed as the dredged water body. These retrofit projects typically take the form of various types of stormwater management facilities that reduce pollutants.

Tables 11-4 through 11-6 displays the Capital Budget and 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.

**NPDES - 2010 Annual Report  
Section 11 – Fiscal Analysis**

Table 11-4: Baltimore County Environmental Capital Improvement Program - Fiscal Years 2012 & 2013

<b>Project</b>	<b>Budget Number</b>	<b>Total (\$)</b>
<b>Upper Western Shore Watershed</b>		
Deer Creek	221-0101	0
Prettyboy Watershed	221-0102	450,000
Loch Raven Watershed	221-0103	830,000
Little Gunpowder Watershed	221-0104	0
Bird River Watershed	221-0105	415,000
Lower Gunpowder Watershed	221-0106	1,167,000
Gunpowder Watershed	221-0107	0
Middle River Watershed	221-0108	0
<b>Patapsco Back Watershed</b>		
Liberty Watershed	221-0109	0
Patapsco Watershed	221-0110	400,000
Gwynns Falls Watershed	221-0111	520,000
Jones Falls Watershed	221-0112	2,050,000
Baltimore Harbor Watershed	221-0113	0
Back River Watershed	221-0114	1,706,000
<b>Non-Watershed Specific Funding</b>		
Watershed Restoration	221-0100	1,808,000
Environmental Management	221-0200	1,687,000
Waterway Improvement Projects	221-0300	0
Comm. Conservation Waterway Impr.	221-0900	500,000
<b>Total:</b>		<b>\$11,533,000</b>

Table 11-5: Baltimore County Environmental Capital Improvement Program - Fiscal Years 2014 & 2015

<b>Project</b>	<b>Budget Number</b>	<b>Total (\$)</b>
<b>Upper Western Shore Watershed</b>		
Deer Creek	221-0101	0
Prettyboy Watershed	221-0102	0
Loch Raven Watershed	221-0103	300,000
Little Gunpowder Watershed	221-0104	0
Bird River Watershed	221-0105	0
Lower Gunpowder Watershed	221-0106	1,350,000
Gunpowder Watershed	221-0107	0
Middle River Watershed	221-0108	100,000
<b>Patapsco Back Watershed</b>		
Liberty Watershed	221-0109	0
Patapsco Watershed	221-0110	800,000
Gwynns Falls Watershed	221-0111	1,325,000
Jones Falls Watershed	221-0112	250,000
Baltimore Harbor Watershed	221-0113	0
Back River Watershed	221-0114	1,900,000
<b>Non-Watershed Specific Funding</b>		
Watershed Restoration	221-0100	2,141,000
Environmental Management	221-0200	1,355,000
Waterway Improvement Projects	221-0300	0
Comm. Conservation Waterway Impr.	221-0900	500,000
<b>Total:</b>		<b>\$10,021,000</b>

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**Table 11-6: Baltimore County Environmental Capital Improvement Program - Fiscal Years 2016 & 2017**

<b>Project</b>	<b>Budget Number</b>	<b>Total (\$)</b>
<b>Upper Western Shore Watershed</b>		
Deer Creek	221-0101	0
Prettyboy Watershed	221-0102	0
Loch Raven Watershed	221-0103	0
Little Gunpowder Watershed	221-0104	0
Bird River Watershed	221-0105	0
Lower Gunpowder Watershed	221-0106	400,000
Gunpowder Watershed	221-0107	0
Middle River Watershed	221-0108	0
<b>Patapsco Back Watershed</b>		
Liberty Watershed	221-0109	0
Patapsco Watershed	221-0110	900,000
Gwynns Falls Watershed	221-0111	1,315,000
Jones Falls Watershed	221-0112	750,000
Baltimore Harbor Watershed	221-0113	0
Back River Watershed	221-0114	200,000
<b>Non-Watershed Specific Funding</b>		
Watershed Restoration	221-0100	2,371,000
Environmental Management	221-0200	1,760,000
Waterway Improvement Projects	221-0300	0
Comm. Conservation Waterway Impr.	221-0900	500,000
<b>Total:</b>		<b>\$8,196,000</b>

**Exhibit 11-1: Department of Environmental Protection and Sustainability  
Table of Organization for FY2011**

BUDGET FORM NO. 2

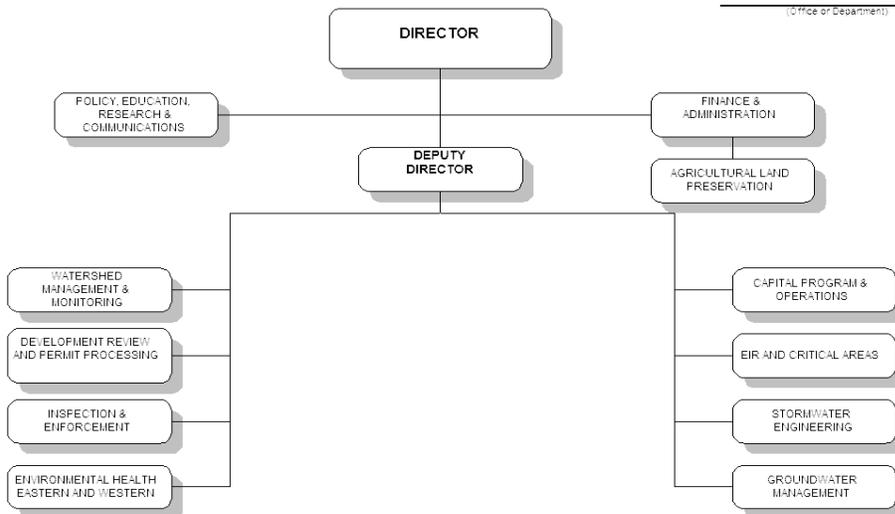
BALTIMORE COUNTY  
FY 2011

ENVIRONMENTAL PROTECTION & RESOURCE MGT

001-042

(Program No. & Title)

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



TOTAL POSITIONS ... 113  
Full-Time ..... 107  
Part-Time ..... 6

Budget4-10-100

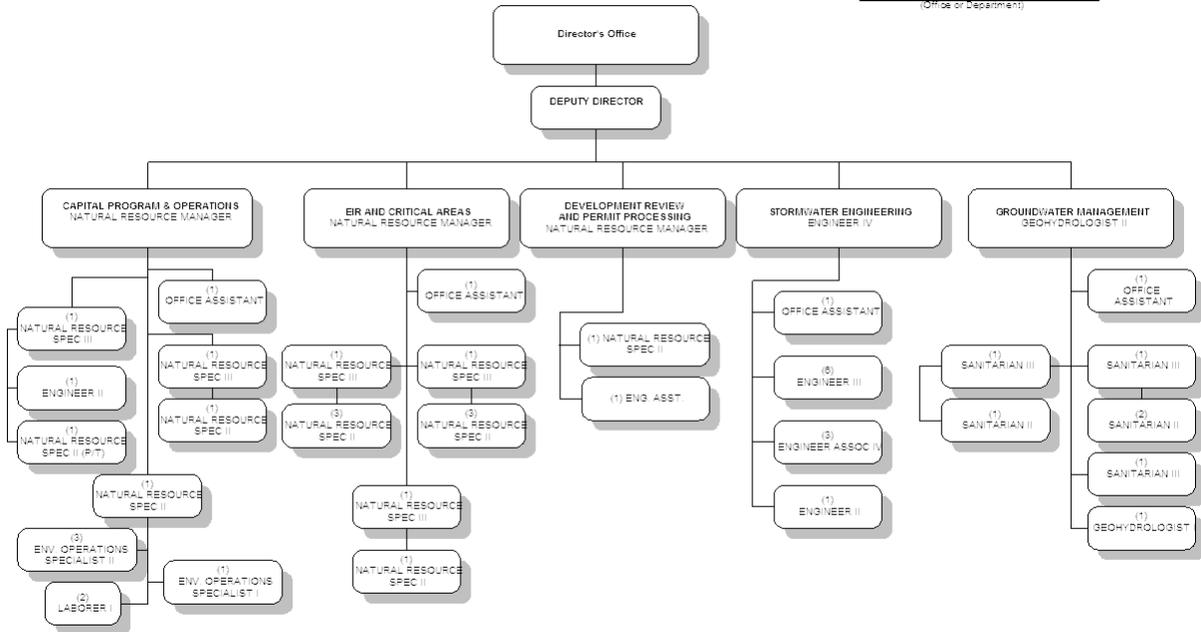
# NPDES - 2010 Annual Report Section 11 – Fiscal Analysis

BUDGET FORM NO. 2

BALTIMORE COUNTY  
FY 2011

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

ENVIRONMENTAL PROTECTION & RESOURCE MGT  
PROGRAM 01



Budget3-10-199

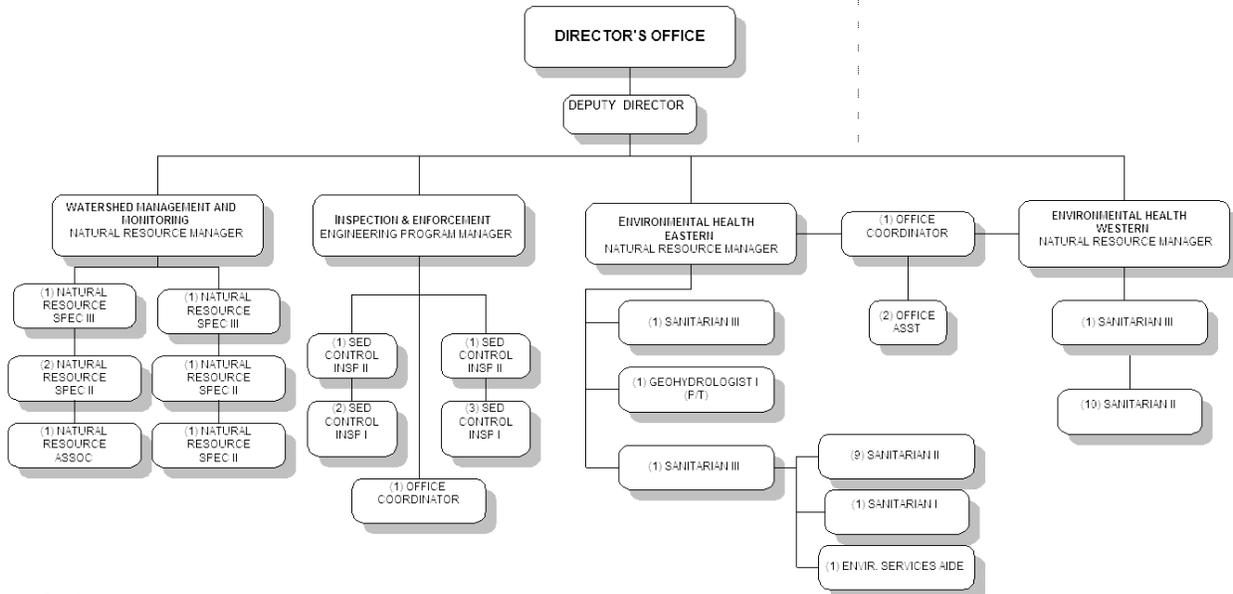
BUDGET FORM NO. 2

BALTIMORE COUNTY  
FY 2011

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

ENVIRONMENTAL PROTECTION & RESOURCE MGT  
PROGRAM 01

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



Budget2-10-199

**NPDES - 2010 Annual Report  
Section 11 – Fiscal Analysis**

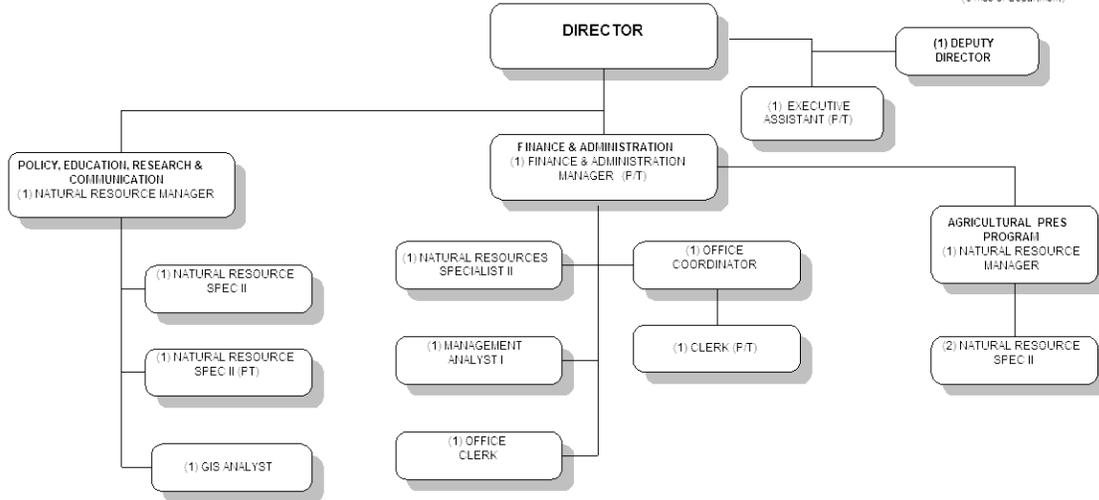
BUDGET FORM NO. 2

BALTIMORE COUNTY  
FY 2011

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

ENVIRONMENTAL PROTECTION & RESOURCE MGT  
PROGRAM 01

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



Budget1-10.ved

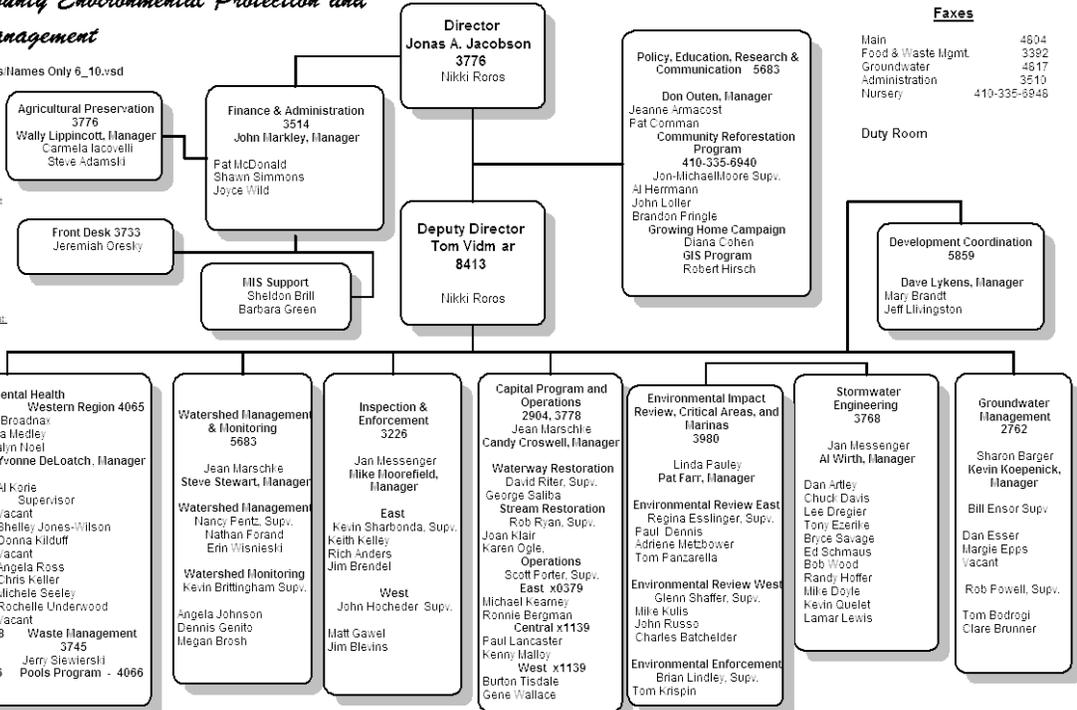
**Exhibit 11-2: Department of Environmental Protection and Resource Management Staff  
Organizational Chart Effective 2010**

*Baltimore County Environmental Protection and Resource Management*

6/4/2010  
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**Voice Mail Distribution Lists**  
 901 All DEPRM Staff  
 902 Program Coordination  
 903 MIS/ISS Section  
 904 Capital and Operations  
 905 Groundwater  
 907 ER Section  
 908 All Supervisors  
 910 Stormwater Management  
 911 Inspection and Enforcement  
 912 Environmental Health-East  
 913 Food Plans  
 914 Environmental Health-West  
 916 Administration Staff  
 918 Central  
 919 Administration  
 920 Watershed Management  
 921 TEMPORARY

**To send a message to a group list:**  
 1 Hit the "LV Msg" button  
 2 Type in the list number  
 3 Record the message and send



**Faxes**

Main	4604
Food & Waste Mgmt	3392
Groundwater	4817
Administration	3510
Nursery	410-335-6946

**Duty Room**