



8.0 PROGRAM FUNDING

The NPDES program has consistently maintained adequate funding to support the requirements of the program. This section outlines approved budgets for calendar year 2009, which operated under Fiscal Year (FY) 2009 and FY 2010 budgets, and information on prior years (FY 2008 & FY 2007) for comparison. The section also describes requests for FY 2011. Both operating and Capital Improvement Project (CIP) budgets are discussed.

The Operating Budget requires annual requests, with approval granted from year-to-year. Funds from the Operating Budget generally do not carry over from year-to-year. Like the Operating Budget, the CIP Budget requires an annual submission, with approval granted from year-to-year. Unlike Operating Budgets, submissions include projections for the next five out-years. Also, money not spent from the CIP budget carries over into following years, but is still accounted for in the year it was approved.

8.1 REQUESTED FY 2011 OPERATING BUDGET

The FY 2011 budget year will begin July 1, 2010. The budget request includes \$185,060 in personnel expenses and \$434,275 in operating expenses for a total of \$619,335. This request was a decrease of \$39,712 over the previous year due to a decrease in Operating budget impacts from the CIP Program for monitoring and maintenance.

The FY 2011 budget year contains a number of unknowns because of permit renewal issues. Regulatory authorities may add new permit requirements that increase the liability for meeting TMDL limits. New TMDLs were developed in 2009 that cover 87.5% of Frederick County for Sediment and Fecal Coliform bacteria. These limits cannot be met solely through voluntary measures currently employed by the permit compliance program because they will require the County to control pollutant loads from privately owned land and prevent pollution from new development. New permit requirements are projected to increase the level of coordination required by the Watershed Management Section and other divisions. Additional requirements for Retrofit/Restoration projects to restore watersheds and reduce untreated impervious areas are projected to strain existing resources but the exact impacts will not be known until the permit renewal process is complete. For this reason, the program request for FY 2011 reflects roughly the same resources as FY 2010, described in the section below, plus Countywide escalations and a decrease from CIP-required monitoring and maintenance operation costs.

8.2 APPROVED OPERATING BUDGETS FOR CALENDAR YEAR 2009

8.2.1 Approved FY 2010 Operating Budget

The FY 2010 budget year began July 1, 2009 and is currently in effect. The budget included \$183,772 in personnel expenses and \$475,275 in operating expenses for a total of \$659,047. This request was an increase of \$15,810 over the previous year.

In FY 2010, the County continues to use its operating funds to prepare required reports; monitor sediment releases in Linganore with USGS; conduct biological monitoring in streams throughout the County; restore untreated urban impervious area and degraded watersheds; conduct long-term monitoring at Peter Pan Run; investigate sites for illicit discharges; and monitor stream restoration and stormwater management facility retrofit projects in an effort to maximize water quality benefits using efforts that are definable and the effects of which are measurable. Staff is also focusing on community outreach and voluntary restoration projects in several key watersheds to meet requirements of TMDL regulations, Watershed Management Plans, and Stormwater Retrofit/Stream Restoration Assessments. Staff continued to build and enhance data tracking tools that measure implementation success.

In FY 2010, staff conducted permit renewal application activities. Staff continues to leverage funds and efforts through its partnerships with outside grantors and through its coordination of the Monocacy & Catoctin Watershed Alliance (MCWA). MCWA continues its efforts to implement WRAS plans to protect and restore water quality and habitat through voluntary programs. Grants continue to fund the County's Community Restoration Coordinator through 2010. Staff works to meet requirements of the TMDL regulations that restrict sediment and phosphorus loads to Lake Linganore.

NPDES-required tasks using FY 2010 funds are presented in Table 8-1.

Table 8-1. Tasks assigned and to be assigned using FY 2010 funds
USGS Sediment Monitoring
Countywide stream monitoring
Annual Reporting and required databases
Materials for Community Restoration Projects
Long-term monitoring at Peter Pan Run
Monitoring at selected restoration sites
Illicit Discharge Detection and Elimination
Grant cost shares for Bennett Creek projects

8.2.2 Approved FY 2009 Operating Budget

The FY 2009 budget year began July 1, 2008. The budget included \$183,140 in personnel expenses and \$460,097 in operating expenses for a total of \$643,237. This total was an increase of \$74,914 over the previous year.

In FY 2009, the County continued to use its operating funds to develop GIS layers, conduct required analyses, prepare required reports, and monitor stream restoration and stormwater management facility retrofit projects in an effort to maximize water quality benefits using efforts that are definable and the effects of which are measurable. Staff also focused on community outreach and voluntary restoration projects in several key watersheds to meet requirements of TMDL regulations, Watershed Management Plans, and Stream Restoration/Stormwater

Management Facility Retrofit Reports. Staff continued to build and enhance data tracking tools that measure implementation success.

In FY 2009, staff conducted permit renewal application activities. Staff continued to leverage funds and efforts through its partnerships with outside grantors and through its coordination of the Monocacy & Catocin Watershed Alliance (MCWA). MCWA continued its efforts to implement WRAS plans to protect and restore water quality and habitat through voluntary programs. Grants continued to fund the County's Community Restoration Coordinator through FY 2009. Staff worked to meet requirements of the TMDL regulations that restrict sediment and phosphorus loads to Lake Linganore.

NPDES-required tasks using FY 2009 funds are presented in Table 8-2.

Table 8-2. Tasks assigned using FY 2009 funds
USGS Sediment Monitoring
MD2000 Manual Monitoring and Analysis
Graphic Design and Printing of Outreach Materials Including Signs
Database Development
Materials for Community Restoration Projects
Countywide stream monitoring
Monitor CIP projects
Annual Reporting and required databases
Long-term monitoring at Peter Pan Run
Grant cost shares for Bennett Creek projects

8.3 PREVIOUS YEARS' OPERATING BUDGETS

8.3.1 Approved FY 2008 Operating Budget

The FY 2008 budget year began July 1, 2007. Frederick County completed its extended year of its permit on March 11, 2008 fully funded and in full compliance. The Division of Public Works acquired funds for FY 2008 that met the budget needs for NPDES. Funding included: \$172,088 budgeted for personnel costs and \$396,235 budgeted for program operating funds, for a total of \$568,323, an increase of \$32,939 over the previous year.

\$20,423 from the operating budget was used in FY 08 as cost share for a Chesapeake Bay Trust grant entitled "Toms Stewardship Project". The grant award of \$12,100 (\$32,532 total) was used for outreach and to construct demonstration projects for stormwater quality in Northern Frederick County. \$9,214 in FY 08 operating funds for cash match were used for an EPA 319 grant for the Bennett Creek Urban Wetlands Program; the grant, passed through MDE, was in the amount of \$176,500. The grant also included \$108,453 in-kind from the CIP. The grant total was \$294,167. The Bennett Creek grant was used for education, outreach, monitoring, and demonstration projects for urban wetlands.

NPDES-required tasks using FY 2008 funds are presented in Table 8-3.

Table 8-3. Tasks assigned using FY 2008 funds
Stream Monitoring and Analysis in Priority Watersheds
MD2000 Manual Monitoring and Analysis
Graphic Design and Printing of Outreach Materials Including Signs
Storm Drain Digitizing, QA/QC
Materials for Community Restoration Projects
Refine Watershed Boundaries and Delineate Subwatersheds
Monitor CIP projects
Grant cost shares for Toms Creek, Bennett Creek projects

8.3.2 Approved FY 2007 Operating Budget

The FY 2007 budget year began July 1, 2006. Staff ended the permit year on March 11, 2007 fully funded and in full compliance. The Division of Public Works acquired funds for FY 2007 that met the budget needs for NPDES. Funding included: \$159,984 budgeted for personnel costs and \$375,400 budgeted for program operating funds, for a total of \$535,384. The approved budget contained an additional \$60,000 which was moved into other budgets. Funding also included \$10,000 transferred to Environmental Compliance to conduct stormwater management facility inspections and wet/dry screenings for illicit discharges and \$50,000 added to the Capital Program for Watershed Assessments in the Bennett Creek Watershed CIP. The CIP reflected the increase but the Budget Office initially had not decreased the Operating Budget in the original appropriation, so a budget transfer was conducted to move these funds into the correct budget lines. An additional \$9,015 from the NPDES budget was transferred to NPDES-related grant budgets as cost shares from personnel accounts for a 319(h) EPA grant for an Urban Wetlands Pilot in the Bennett Creek Watershed. An additional \$71,300 was added to the grant budget funds for the new grant.

NPDES-required tasks using FY 2007 funds are presented in Table 8-4.

Table 8-4. Tasks assigned using FY 2007 funds
Stream Monitoring and Analysis in Priority Watersheds
MD2000 Manual Monitoring and Analysis
Graphic Design and Printing of Outreach Materials Including Signs
Storm Drain Digitizing, QA/QC
Publishing Public Notices
Materials for Community Restoration Projects
Refine Watershed Boundaries and Delineate Subwatersheds
Develop Urban Wetlands Program in Bennett Creek Pilot Watershed

8.4 REQUESTED FY 2011 CAPITAL IMPROVEMENT BUDGET

Table 8-5 shows the FY 2011 proposed CIP project budgets and stages of development. These projects are described in greater detail in Section 7.5.

Project	Funds Requested in FY 2011	Narrative of Project Status
14 9899 C48001 Ballenger Creek Stream Restoration	\$0	Project completed in 2007. Monitoring and Maintenance to take place in FY 2011 using operating funds.
14 9899 C48010 Lower Bush Creek Watershed	\$0	Project completed in 2007. Small corrections to drainage required. Monitoring and maintenance to take place in FY 2011 using operating funds.
14 9899 C48011 Upper and Lower Linganore Creek Watershed	\$0	Project design completed in 2009 with construction to begin in 2010 (FY 2011).
14 9899 C48007 Bennett Creek Watershed	\$0	All funds for this project were approved by FY 2010. Design proposal submitted by RK&K with design and construction to occur in 2010.

8.5 APPROVED OPERATING BUDGETS FOR CALENDAR YEAR 2009

8.5.1 Approved FY 2010 Capital Improvement Project Budget

Table 8-6 shows the FY 2010 CIP project budgets and stages of development. These projects are described in greater detail in Section 7.5.

Project	Funds Requested in FY 2010	Narrative of Project Status
14 9899 C48001 Ballenger Creek Stream Restoration	\$0	Project completed in 2007. Monitoring and Maintenance took place in 2009.
14 9899 C48010 Lower Bush Creek Watershed	\$0	Project completed in 2007. Drainage corrections to courtyard bioretention took place in 2009. Monitoring and maintenance to take place in 2010.
14 9899 C48011 Upper and Lower Linganore Creek Watershed	\$219,320	Funds for construction. Design completed in 2009. Construction to take place in FY 2011.
14 9899 C48007 Bennett Creek Watershed	\$252,180	Funds for construction. Design and construction scheduled for 2010 (FY 2010-11).

8.5.2 Approved FY 2009 Capital Improvement Project Budget

Table 8-7 shows the FY 2009 CIP project budgets and stages of development. These projects are described in greater detail in Section 7.5.

Table 8-7. CIP project funds approved in FY 2009		
Project	Funds Requested in FY 2009	Narrative of Project Status
14 9899 C48001 Ballenger Creek Stream Restoration	\$0	Project completed in 2007.
14 9899 C48010 Lower Bush Creek Watershed	\$0	Project completed in 2007.
14 9899 C48011 Upper and Lower Linganore Creek Watershed	\$0	Design completed in 2009. Construction to take place in FY 2011.
14 9899 C48007 Bennett Creek Watershed	\$109,590	Funds for site improvements, inspection, land acquisition requested for FY 2009. Draft Watershed Plan and Retrofit study completed in 2009.

8.6 PREVIOUS YEARS CAPITAL IMPROVEMENT BUDGETS

8.6.1 Approved FY 2008 Capital Improvement Project Budget

Table 8-8 shows the FY 2008 proposed CIP project budgets and stages of development. These projects are described in greater detail in Section 7.5.

Table 8-8. CIP project funds approved in FY 2008		
Project	Funds Requested in FY 2008	Narrative of Project Status
14 9899 C48001 Ballenger Creek Stream Restoration	\$0	All project funds already available.
14 9899 C48010 Lower Bush Creek Watershed	\$0	All project funds already available.
14 9899 C48011 Upper and Lower Linganore Creek Watershed	\$241,580	Remainder of funds for Construction.
14 9899 C48007 Bennett Creek Watershed	\$72,940	Funds for land acquisition and site improvements.

8.6.2 Approved FY 2007 Capital Improvement Project Budget

Table 8-9 shows the FY 2007 CIP project budgets and stages of development. These projects are described in greater detail in Section 7.5.

Table 8-9. CIP project funds approved in FY 2007		
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Project	Approved Budget	Narrative of Project Status
14 9899 C48001 Ballenger Creek Stream Restoration	\$449,880	All project funds available. Project 100% designed, to construct in spring 2007.
14 9899 C48010 Lower Bush Creek Watershed	\$337,070	All project funds available. Project 100% designed, to construct in summer 2007.
14 9899 C48011 Upper and Lower Linganore Creek Watershed	\$150,250	Funds for design available. Restoration/Retrofit Assessment Completed.
14 9899 C48007 Bennett Creek Watershed	\$128,930	Funds available for Watershed and Retrofit Assessments. Design scope under development.

Evaluation: Frederick County continues to maintain adequate funding to support its NPDES MS4 permit program. The stream restoration project in Ballenger Creek and the stormwater retrofit project in Bush Creek Watershed were completed in 2007 and are now in monitoring and maintenance phases. Design for the Linganore Creek Watershed Stream Restoration Project was completed in 2009 and construction will begin in 2010. Funding for the Bennett Creek Restoration Project was received as of FY 2010; design will begin on the project (defined as the Englandtowne SWM Retrofit Project [CIP-207]) in 2010. Adequate funding has been requested and maintained to meet NPDES requirements in both the Operating and Capital Budgets. Adequate funding enabled the Watershed Management Section to complete its NPDES requirements in full compliance.

