

# (KG0) DISTRICT DEPARTMENT OF THE ENVIRONMENT

## **MISSION**

The District Department of the Environment (DDOE) protects and enhances human health and the environment through preservation, conservation, restoration, education, enforcement and energy efficient practices to improve the quality of life in the District of Columbia and build a world-class green city.

## **BACKGROUND**

DDOE administers grants and partners with the other District Agencies, Federal Agencies and non-profit organizations to control stormwater and the impact of pollutants and soil erosion within the District. The grants and partnerships enable the design and implementation of green infrastructure on District property. Green infrastructure that is typically implemented includes low impact development projects (green roofs, downspout disconnects, bio-retention ponds, vegetated swales, stormwater planters, green alleys, and tree boxes) and the installation of traditional stormwater best management practices.

## **CAPITAL PROGRAM OBJECTIVE**

Reduce stormwater run-off in the District's rights-of-way.

## **RECENT ACCOMPLISHMENTS**

- 1000 linear feet of roadway located along East Beach Drive was retrofitted to direct runoff to vegetated areas.
- 2100 linear feet of bioswale was constructed along I-295 to replace rip rap and slow runoff.
- 10 low impact development projects in various locations are currently being implemented.
- Two bioretention swales along north side of Nebraska Avenue between Stephenson and Oregon Ave. are currently being implemented.

**Elements on this page of the Agency Summary include:**

- **Funding Tables:** Past budget allotments shows the allotment balance, calculated as allotments received to date less all obligations (the sum of expenditures, encumbrances, intra-District advances and pre-encumbrances). Agencies are allowed to encumber and pre-encumber funds up to the limit of a capital project's budget authority, which might be higher than allotments received to date. For this reason, a negative balance on a project sheet does not necessarily indicate overspending or an anti-deficiency violation. A negative balance is permitted in this calculation of remaining allotment authority.
- **Additional Appropriations Data (\$000):** Provides a summary of the budget authority over the life of the project. The table can be read as follows:
  - **Original 6-Year Budget Authority:** Represents the sum of the 6-year authority for all agency-owned projects, as shown in the first year they were authorized. The complete set of these projects may or may not be represented in this FY 2011 - FY 2016 CIP.
  - **Budget Authority Thru FY 2015 :** Represents the lifetime budget authority, including the 6 year budget authority for FY 2010 through 2015 .
  - **FY 2010 Budget Authority Revisions:** Represents the changes to the budget authority as a result of reprogramming, redirections and rescissions (also reflected in Appendix F) for the current fiscal year.
  - **6-Year Budget Authority Thru 2015 :** This is the total 6-year authority for FY 2010 through FY 2015 including changes from the current fiscal year.
  - **Budget Authority Request for 2011 Through 2016:** Represents the 6 year budget authority for 2011 Through 2016.
  - **Increase (Decrease) to 6-Year Authority:** This is the change in 6 year budget authority requested for FY represents the change in 6 year budget authority requested for FY 2011 - FY 2016. (also reflected in Appendix A).
- **Facility Location Map:** For those agencies with facilities projects, a map reflecting projects and their geographic location within the District of Columbia.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(03) Project Management	0	0	0	0	0	7,900	0	0	0	0	0	7,900
(04) Construction	42,572	5,853	31,295	0	5,424	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>42,572</b>	<b>5,853</b>	<b>31,295</b>	<b>0</b>	<b>5,424</b>	<b>7,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,900</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	1,355	1,355	0	0	0	0	0	0	0	0	0	0
Pay Go (0301)	5,436	2,205	2,717	0	514	7,900	0	0	0	0	0	7,900
<b>TOTALS</b>	<b>6,791</b>	<b>3,561</b>	<b>2,717</b>	<b>0</b>	<b>514</b>	<b>7,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,900</b>

Additional Appropriation Data		Estimated Operating Impact							
	2008	Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
First Appropriation FY	2008								
Original 6-Year Budget Authority (\$000)	38,922								
Budget Authority Thru FY 2010 (\$000)	47,673								
FY 2010 Budget Authority Changes									
Redirection	-5,101								
Current FY 2010 Budget Authority (\$000)	42,572								
Budget Authority Request for FY 2011 (\$000)	50,472								
Increase (Decrease) to Total Authority (\$000)	7,900								
No estimated operating impact									

# KG0-SWM05-STORMWATER RETROFIT IMPLEMENTATION-DDOT

**Agency:** DISTRICT DEPARTMENT OF THE ENVIRONMENT (KG0)  
**Implementing Agency:** DISTRICT DEPARTMENT OF THE ENVIRONMENT (KG0)  
**Project No:** SWM05  
**Ward:** 6  
**Location:** 1200 FIRST STREET, NE  
**Facility Name or Identifier:** N/A  
**Status:** New  
**Useful Life of the Project:** 15  
**Estimated Full Funding Cost:** \$7,900,000

## Description:

This project will allow DDOE and its DC agency partners to fulfill its responsibilities for the implementation of the District's National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit issued by the Environmental Protection Agency (EPA). DDOE and its partners responsibilities for compliance with the MS4 permit include the procurement of engineering design services for Low Impact Development Projects (LID), construction of stand alone LID projects in the right of way and other public lands, tree plantings, periodic maintenance of LID projects, green roofs, design and construction of other stormwater best management practices, habitat restoration, and salaries of personnel involved in the development of these activities.

## Justification:

This project is required in order to comply with the District's National Pollutant Discharge Elimination System (NPDES) Permit which is issued by the EPA.

## Progress Assessment:

This project will be tracked and reported to EPA annually.

Milestone Data	Projected	Actual
Environmental Approvals	10/01/2010	09/30/2016
Design Start (FY)	10/01/2010	09/30/2016
Design Complete (FY)	10/01/2010	10/01/2010
Construction Start (FY)	10/01/2010	09/30/2016
Construction Complete (FY)	10/01/2010	09/30/2016
Closeout (FY)	10/01/2010	09/30/2016

## Related Projects:

DRES Partnership – to fund green roof initiatives Working with capital program to identify projects  
 OPEFM Partnership – to fund green roof initiatives Potential Green roofs for 6 schools: Ludlow Taylor; Barnard; Brent; Tyler; Hardy; Emory.  
 DPR Partnership – to fund LID design/installation. DDOE Initiatives – to support

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(03) Project Management	0	0	0	0	0	7,900	0	0	0	0	0	7,900
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,900</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
Pay Go (0301)	0	0	0	0	0	7,900	0	0	0	0	0	7,900
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,900</b>

## Additional Appropriation Data

First Appropriation FY	
Original 6-Year Budget Authority (\$000)	0
Budget Authority Thru FY 2010 (\$000)	0
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	0
Budget Authority Request for FY 2011 (\$000)	7,900
Increase (Decrease) to Total Authority (\$000)	7,900

## Estimated Operating Impact

Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							