

# (KG0) DEPARTMENT OF ENERGY AND ENVIRONMENT

## **MISSION**

The mission of the Department of Energy and Environment (DOEE) is to improve the quality of life for the residents and natural inhabitants of the nation's capital by protecting and restoring the environment, conserving our natural resources, mitigating pollution, increasing access to clean and renewable energy, and educating the public on ways to secure a sustainable future.

## **BACKGROUND**

DOEE is the leading authority on energy and environmental issues affecting the District of Columbia. The agency works collaboratively with other government agencies, residents, businesses, and institutions to promote environmentally responsible behavior that will lead to a more sustainable urban environment.

## **CAPITAL PROGRAM OBJECTIVE**

DOEE envisions a nation's capital that sets the standard for environmentally responsible and sustainable practices. DOEE envisions a city whose rivers and waters are fishable and swimmable; whose buildings and infrastructure help protect our health and environment; and whose residents, businesses, and visitors embrace and employ smart environmental practices in their daily lives.

## **EXAMPLES OF RECENT ACCOMPLISHMENTS**

- The design and construction of outfall rehabilitation and restoration of 1,000 linear feet of stream at Branch Avenue Triangle Park (Oxon Run Watershed).
- The design and construction of stormwater management practices and outdoor classrooms at five District schools through the RiverSmart Schools program, Friendship Public Charter, Turner Elementary School, Cleveland Elementary School, John Burroughs Education Campus, and Elise Whitlow Stokes PCS (Citywide).
- The design and construction of stormwater management practices at six DPR parks: Palisades Recreation Center, Woody Ward Recreation Center (formally Benning Park), Congress Heights Recreation Center, Douglass Recreation Center, Amidon Field, and Fort Greble Park (Citywide).
- The design and construction of stormwater retrofits for the 11-acre Carter Barron Amphitheater and Tennis Center parking lot (Rock Creek Watershed).

## **EXAMPLES OF ONGOING AND CURRENT INITIATIVES**

- The design of 20,000 linear feet of stream restoration and outfall repair in Fort Dupont (Anacostia Watershed).
- The environmental assessment and design of 4,000 linear feet of stream restoration and outfall restoration on Pinehurst Branch (Rock Creek Watershed).
- The design and construction of roadway stormwater retrofits in the Hickey Run sub-watershed (Anacostia Watershed).
- The design and construction of stormwater management at five DPR triangle parks (Citywide).
- The environmental assessment and design of 1,400 linear feet of stream restoration and outfall restoration at Stickfood Branch (Anacostia Watershed).

## **PLANNED PROJECTS**

- Installation of a trash capture device in a tributary to the Anacostia River.
- Planning for Oxon Run stream restoration effort.
- Continue remedial investigation/feasibility study of Anacostia River sediments.

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

- **Funding Tables:** Past budget allotments show 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 authority from the fiscal year in which budget was first appropriated through the next 5 years.
  - › **Budget Authority Through FY 2028 :** Represents the lifetime budget authority, including the 6-year budget authority for FY 2023 through FY 2028.
  - › **FY 2023 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 Through FY 2028 :** This is the total 6-year authority for FY 2023 through FY 2028 including changes from the current fiscal year.
  - › **Budget Authority Request Through FY 2029 :** Represents the 6-year budget authority for FY 2024 through FY 2029.
  - › **Increase (Decrease) :** This is the change in 6-year budget requested for FY 2024 - FY 2029 (change in budget authority is shown in Appendix A).
- **Estimated Operating Impact:** If a project has operating impacts that the agency has quantified, the effects are summarized in the respective year of impact.
- **FTE Data (Total budget in FTE Table might differ from actual budget due to rounding):** Provides the number for Full-Time Equivalent (FTE) employees approved as eligible to be charged to capital projects by, or on behalf of, the agency. Additionally, it provides the total budget for these employees (Personal Services), the non personnel portion of the budget in the agency’s capital plan, and the percentage of the agency CIP budget from either expense category.
- **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)

Phase	Funding By Phase - Prior Funding					Approved Funding						6 Yr Total
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
(01) Design	5,777	316	484	0	4,977	475	350	790	300	300	300	2,515
(03) Project Management	5,064	3,788	260	0	1,016	0	0	0	0	0	0	0
(04) Construction	37,579	7,626	598	0	29,355	7,475	3,150	7,110	2,700	2,700	2,700	25,835
(05) Equipment	5,122	85	0	0	5,037	0	0	0	0	0	0	0
(06) IT Requirements Development/Systems Design	1,482	1,482	0	0	0	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>55,024</b>	<b>13,298</b>	<b>1,342</b>	<b>0</b>	<b>40,384</b>	<b>7,950</b>	<b>3,500</b>	<b>7,900</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>28,350</b>

Source	Funding By Source - Prior Funding					Approved Funding						6 Yr Total
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
GO Bonds - New (0300)	10,750	6,163	488	0	4,099	3,500	3,500	7,900	3,000	3,000	3,000	23,900
Pay Go (0301)	3,291	3,287	0	0	4	1,500	0	0	0	0	0	1,500
Short-Term Bonds – (0304)	1,417	85	0	0	1,332	0	0	0	0	0	0	0
Private Donations (0306)	4,872	0	0	0	4,872	0	0	0	0	0	0	0
Paygo - Restricted (0314)	31,969	1,272	854	0	29,843	950	0	0	0	0	0	950
Federal (0350)	2,725	2,475	0	0	250	2,000	0	0	0	0	0	2,000
	0	16	0	0	-16	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>55,024</b>	<b>13,298</b>	<b>1,342</b>	<b>0</b>	<b>40,384</b>	<b>7,950</b>	<b>3,500</b>	<b>7,900</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>28,350</b>

Additional Appropriation Data			Estimated Operating Impact Summary						
First Appropriation FY		2008	Expenditure (+) or Cost Reduction (-)						
Original 6-Year Budget Authority		194,481	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
Budget Authority Through FY 2028		55,024	No estimated operating impact						
FY 2023 Budget Authority Changes		-215,455							
6-Year Budget Authority Through FY 2028		55,024							
Budget Authority Request Through FY 2029		83,374							
Increase (Decrease)		28,350							

Full Time Equivalent Data			
Object	FTE	FY 2024 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	7,950	100.0

# KG0-ARDRG-ANACOSTIA RIVER DREDGING

**Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Implementing Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Project No:** ARDRG  
**Ward:** 1  
**Location:** 1200 FIRST STREET, NE  
**Facility Name or Identifier:** N/A  
**Status:** Contract agreements Approved by OCP  
**Useful Life of the Project:**  
**Estimated Full Funding Cost:** \$1,500,000

**Description:**  
 ANACOSTIA RIVER DREDGING.

**Justification:**

An Assessment of Navigational Dredging of the Anacostia River is the first step to expanding safe recreational boating on the Anacostia River. The deliverable would include a Navigational Dredging Plan for the Anacostia River that assesses alternative dredging volumes, costs, and placement areas for the dredgings, and prioritize dredging areas. Once the Navigational Dredging Plan is complete, the District will be in the position to seek funds for implementing selective dredging in the Anacostia River.

**Progress Assessment:**

An Assessment of Navigational Dredging of the Anacostia River is essential to redeveloping Boathouse Row and expanding safe recreational boating on the Anacostia River. Selective navigational dredging of the Anacostia River is necessary to assure a safe boating experience for all, and the Navigational Dredging Plan for the Anacostia River would provide a “shovel ready project” that positions the District for future competitive funding opportunities aimed at expanding recreational opportunities on the Anacostia River for residents and visitors alike.

**Related Projects:**

These funds would be used to: (1) develop a Navigational Dredging Plan for the Anacostia River, (2) conduct a bathymetric survey from the CSX bridge to the 11 Street Bridge, (3) conduct outreach with boating community to identify safety hazards on the river due to low water, (4) prepare a work plan for selected Anacostia River dredging alternative.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Approved Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
(04) Construction	0	0	0	0	0	1,500	0	0	0	0	0	1,500
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500</b>

Funding By Source - Prior Funding						Approved Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
Pay Go (0301)	0	0	0	0	0	1,500	0	0	0	0	0	1,500
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500</b>

Additional Appropriation Data	
First Appropriation FY	2024
Original 6-Year Budget Authority	0
Budget Authority Through FY 2028	0
FY 2023 Budget Authority Changes	0
6-Year Budget Authority Through FY 2028	0
Budget Authority Request Through FY 2029	1,500
Increase (Decrease)	1,500

Estimated Operating Impact Summary							
Expenditure (+) or Cost Reduction (-)	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
No estimated operating impact							

Milestone Data	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data			
Object	FTE	FY 2024 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	1,500	100.0

# KG0-CHB01-CHESAPEAKE BAY IMPLEMENTATION - CAPITAL

**Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Implementing Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Project No:** CHB01  
**Ward:**  
**Location:** DISTRICT-WIDE  
**Facility Name or Identifier:** GREEN INFRASTRUCTURE  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 15  
**Estimated Full Funding Cost:** \$2,324,000



## Description:

Each fiscal year, the District receives Chesapeake Bay federal grant funding from the Environmental Protection Agency (EPA), authorized under Section 117(b) of the federal Clean Water Act, to reduce pollution to the Chesapeake Bay. A portion of these funds is used for capital purposes to construct on-the-ground pollution control practices to control pollution runoff such as green infrastructure, wetland creation, and stream restoration. Based on historic annual grant awards, DOEE requests \$350,000 of additional capital budget authority for capital Project Number ENV01C in FY 2019. In collaboration with sister agencies, these capital funds will be used to execute projects that improve the District waterways and the Chesapeake Bay. Specific capital projects must be proposed during a formal request/evaluation period and approved by the EPA.

## Justification:

These are Federal funds that will be used to restore the District's waterways.

## Progress Assessment:

N/A

## Related Projects:

ENV01C - A portion of these funds is used for capital purposes to construct on-the-ground practices to control pollution runoff such as green infrastructure, wetland creation, and stream restoration.

BAG04C-Waterway Restoration, SWM05C-Stormwater Retrofit Implementation, WETMC-Wetland & Stream Mitigation

(Dollars in Thousands)

Funding By Phase - Prior Funding						Approved Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
(01) Design	0	0	0	0	0	30	0	0	0	0	0	30
(04) Construction	2,024	2,024	0	0	0	270	0	0	0	0	0	270
<b>TOTALS</b>	<b>2,024</b>	<b>2,024</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>

Funding By Source - Prior Funding						Approved Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
Federal (0350)	2,024	2,024	0	0	0	300	0	0	0	0	0	300
<b>TOTALS</b>	<b>2,024</b>	<b>2,024</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>

## Additional Appropriation Data

First Appropriation FY	2015
Original 6-Year Budget Authority	1,550
Budget Authority Through FY 2028	2,024
FY 2023 Budget Authority Changes	-1,788
6-Year Budget Authority Through FY 2028	2,024
Budget Authority Request Through FY 2029	2,324
Increase (Decrease)	300

## Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
No estimated operating impact							

## Milestone Data

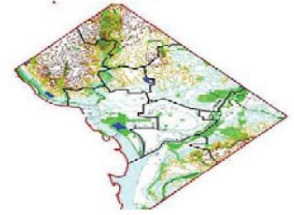
	Projected	Actual
Environmental Approvals	10/1/2012	10/1/2012
Design Start (FY)	03/5/2013	06/15/2015
Design Complete (FY)	07/30/2013	09/30/2016
Construction Start (FY)	09/30/2014	11/30/2017
Construction Complete (FY)	10/1/2018	
Closeout (FY)	12/20/2020	

## Full Time Equivalent Data

Object	FTE	FY 2024 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	300	100.0

# KG0-HMRHM-HAZARDOUS MATERIAL REMEDIATION - DOEE

**Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Implementing Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Project No:** HMRHM  
**Ward:**  
**Location:** ANACOSTIA RIVER  
**Facility Name or Identifier:** ANACOSTIA RIVER  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$55,709,000



## Description:

The Anacostia estuary has several major clean-up sites located along its banks. Funding is needed to characterize the sediments in the entire estuary area of the Anacostia and develop a cleanup remedy. The sediments are an on-going source of contaminants and need to be addressed before the Anacostia River can be returned to a “fishable and swimmable” river. Testing needs to be conducted on the Anacostia River sediment and water toxins (when present) to determine proper clean-up methods and potentially isolate the source of contamination from the clean-up sites. Park sites along the Anacostia River also needs to be sampled and remediated to prevent recontamination of the Anacostia River, specifically Poplar Point and Kenilworth Park.

\$25.6M was added in FY22.

## Justification:

The Anacostia estuary has several major clean-up sites located along its banks. Funding is needed to characterize the sediments in the entire estuary area of the Anacostia and develop a cleanup remedy. The sediments are an on-going source of contaminants and need to be addressed before the Anacostia can be returned to a “fishable and swimmable” river. Testing needs to be conducted on Anacostia sediment and water toxins (when present) to determine proper clean-up methods and potentially isolate the source of contamination from the clean-up sites.

## Progress Assessment:

On-going project

## Related Projects:

Department of General Services project PL103C-HAZARDOUS MATERIAL ABATEMENT POOL

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding						Approved Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
(01) Design	0	0	0	0	0	350	350	790	300	300	300	2,390
(04) Construction	26,937	1,414	0	0	25,523	3,150	3,150	7,110	2,700	2,700	2,700	21,510
(05) Equipment	4,872	0	0	0	4,872	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>31,809</b>	<b>1,414</b>	<b>0</b>	<b>0</b>	<b>30,395</b>	<b>3,500</b>	<b>3,500</b>	<b>7,900</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>23,900</b>

Source	Funding By Source - Prior Funding						Approved Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
GO Bonds - New (0300)	0	51	0	0	-51	3,500	3,500	7,900	3,000	3,000	3,000	23,900
Pay Go (0301)	1,367	1,363	0	0	4	0	0	0	0	0	0	0
Private Donations (0306)	4,872	0	0	0	4,872	0	0	0	0	0	0	0
Paygo - Restricted (0314)	25,570	0	0	0	25,570	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>31,809</b>	<b>1,414</b>	<b>0</b>	<b>0</b>	<b>30,395</b>	<b>3,500</b>	<b>3,500</b>	<b>7,900</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>23,900</b>

## Additional Appropriation Data

First Appropriation FY	2012
Original 6-Year Budget Authority	103,792
Budget Authority Through FY 2028	31,809
FY 2023 Budget Authority Changes	-81,763
6-Year Budget Authority Through FY 2028	31,809
Budget Authority Request Through FY 2029	55,709
Increase (Decrease)	23,900

## Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
No estimated operating impact							

## Milestone Data

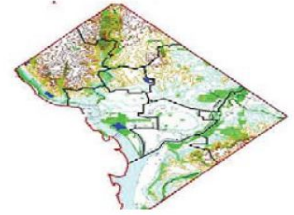
	Projected	Actual
Environmental Approvals		10/1/2011
Design Start (FY)		03/1/2014
Design Complete (FY)		05/31/2015
Construction Start (FY)		12/1/2015
Construction Complete (FY)	09/30/2024	
Closeout (FY)	12/31/2025	

## Full Time Equivalent Data

Object	FTE	FY 2024 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	3,500	100.0

# KG0-ENV01-NONPOINT SOURCE EPA - CAPITAL

**Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Implementing Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Project No:** ENV01  
**Ward:**  
**Location:** DISTRICT-WIDE  
**Facility Name or Identifier:** GREEN INFRASTRUCTURE  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 6+  
**Estimated Full Funding Cost:** \$752,000



## Description:

Each fiscal year, the District receives Non-Point Source federal grant funding from the Environmental Protection Agency (EPA), authorized under Section 319(h) of the federal Clean Water Act, to reduce nonpoint source pollution to District waterways. A portion of these funds is used for capital purposes to construct on-the-ground practices to control pollution runoff such as green infrastructure, wetland creation, and stream restoration. Based on historic annual grant awards, DOEE requests \$300,000 of additional capital budget authority for capital Project Number ENV01C in FY 2019. In collaboration with sister agencies, these capital funds will be used to execute projects that improve the District’s rivers and tributaries. Specific capital projects must be proposed during a formal request/evaluation period and approved by the EPA.

## Justification:

The project is necessary because DOEE is tasked with undertaking the restoration of the District waterbodies. DOEE receives EPA funding specifically for this task and thus the establishment of this capital project is critical for undertaking this work. The project fits well with the Mayor’s priorities in the Sustainable DC plan. The 319 grant refers to section 319 of the Clean Water Act which provides funding for states to manage nonpoint source runoff in a variety of ways. DOEE does this primarily through stream restoration projects and stormwater retrofits.

## Progress Assessment:

Ongoing project.

## Related Projects:

The Bag Bill funded restoration capital project may fund similar projects as the 319 capital project. In many cases, DOEE is matching the EPA funds with Bag Bill funds. For financial reasons it is necessary to have separate projects. BAG04C-Waterway Restoration, CHB01C-Chesapeake Bay Implementation - Capital, SWM05C-Stormwater Retrofit Implementation, WETMC-Wetland & Stream Mitigation

(Dollars in Thousands)

Funding By Phase - Prior Funding						Approved Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
(04) Construction	452	452	0	0	0	300	0	0	0	0	0	300
<b>TOTALS</b>	<b>452</b>	<b>452</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>

Funding By Source - Prior Funding						Approved Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
Federal (0350)	452	452	0	0	0	300	0	0	0	0	0	300
<b>TOTALS</b>	<b>452</b>	<b>452</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>

## Additional Appropriation Data

First Appropriation FY	2014
Original 6-Year Budget Authority	1,277
Budget Authority Through FY 2028	452
FY 2023 Budget Authority Changes	-2,514
6-Year Budget Authority Through FY 2028	452
Budget Authority Request Through FY 2029	752
Increase (Decrease)	300

## Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
No estimated operating impact							

## Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

## Full Time Equivalent Data

Object	FTE	FY 2024 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	300	100.0

# KG0-SWM05-STORMWATER RETROFIT IMPLEMENTATION

**Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Implementing Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Project No:** SWM05  
**Ward:**  
**Location:** DISTRICT-WIDE  
**Facility Name or Identifier:** GREEN INFRASTRUCTURE  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 15  
**Estimated Full Funding Cost:** \$8,603,000



## Description:

This project will allow DOEE and sister agencies the District Department of Transportation (DDOT), the Department of General Services (DGS), the Department of Public Works (DWP), DC Water, the Deputy Mayor for Planning and Economic Development (DMPED), and the University of the District of Columbia (UDC) to fulfill responsibilities for the implementation of the Districts National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System MS4 Permit issued by the Environmental Protection Agency (EPA). The District's responsibilities for compliance with the MS4 Permit include the procurement of engineering design and construction of green infrastructures such as green roofs, porous pavements, stormwater re-use systems, bioretention impervious surface reduction, tree planting, and salaries of personnel involved in the development of these initiatives.

## 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. This project aligns with SustainableDC Action: Transportation 1.2.

## Progress Assessment:

This project will be tracked and reported to EPA annually. It is an on-going project to meet the requirement of the District's MS4 permit. The permit is issued by the EPA on a 5- year cycle. The project is progressing as planned.

## Related Projects:

The Department of Energy and Environment (DOEE) leverages the MS4 funds to supplement capital projects being performed by DDOT DGS, DMPED, UDC and other agencies where there opportunities to collaborate are identified which fulfill the obligations of the District's MS4 permit.

BAG04C-Waterway Restoration, CHB01C-Chesapeake Bay Implementation - Capital, ENV01C-Nonpoint Source EPA - Capital, SWM05C-Stormwater Retrofit Implementation, WETMC-Wetland & Stream Mitigation

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Approved Funding						6 Yr Total
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
(03) Project Management	3,174	2,946	0	0	227	0	0	0	0	0	0	0
(04) Construction	4,029	23	537	0	3,469	1,400	0	0	0	0	0	1,400
<b>TOTALS</b>	<b>7,203</b>	<b>2,970</b>	<b>537</b>	<b>0</b>	<b>3,696</b>	<b>1,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,400</b>

Source	Funding By Source - Prior Funding					Approved Funding						6 Yr Total
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
GO Bonds - New (0300)	2,270	2,042	0	0	227	0	0	0	0	0	0	0
Pay Go (0301)	904	904	0	0	0	0	0	0	0	0	0	0
Paygo - Restricted (0314)	4,029	7	537	0	3,485	0	0	0	0	0	0	0
Federal (0350)	0	0	0	0	0	1,400	0	0	0	0	0	1,400
	0	16	0	0	-16	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>7,203</b>	<b>2,970</b>	<b>537</b>	<b>0</b>	<b>3,696</b>	<b>1,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,400</b>

## Additional Appropriation Data

First Appropriation FY	2011
Original 6-Year Budget Authority	17,817
Budget Authority Through FY 2028	7,203
FY 2023 Budget Authority Changes	-24,699
6-Year Budget Authority Through FY 2028	7,203
Budget Authority Request Through FY 2029	8,603
Increase (Decrease)	1,400

## Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
No estimated operating impact							

## Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

## Full Time Equivalent Data

Object	FTE	FY 2024 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	1,400	100.0

# KG0-BAG04-WATERWAY RESTORATION

**Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Implementing Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Project No:** BAG04  
**Ward:**  
**Location:** ANACOSTIA WATERSHED  
**Facility Name or Identifier:** WATERWAYS  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 10+  
**Estimated Full Funding Cost:** \$1,470,000

**Description:**

As prioritized in the Sec. 6 (b) of the Anacostia River Clean Up and Protection Act of 2009, DOEE will utilize dedicated funds for capital Stormwater Retrofit projects. Specifically, these funds will be utilized for the Stormwater Retrofit projects on DC Pubic Schools and Department of Parks and Recreation properties through DOEE’s RiverSmart Schools program and Triangle Park Stormwater Retrofit project. These funds will be used on District lands throughout the District.

**Justification:**

Protects the aquatic and environmental assets of the District of Columbia.

**Progress Assessment:**

Ongoing project.

**Related Projects:**

The project is aligned and helps fulfill regulatory obligations that are also met with Project SWM05C. CHB01C-Chesapeake Bay Implementation - Capital, ENV01C-Nonpoint Source EPA - Capital, SWM05C-Stormwater Retrofit Implementation, WETMC-Wetland & Stream Mitigation

(Dollars in Thousands)

Funding By Phase - Prior Funding						Approved Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
(01) Design	0	0	0	0	0	75	0	0	0	0	0	75
(03) Project Management	720	720	0	0	0	0	0	0	0	0	0	0
(04) Construction	0	0	0	0	0	675	0	0	0	0	0	675
<b>TOTALS</b>	<b>720</b>	<b>720</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750</b>

Funding By Source - Prior Funding						Approved Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
Pay Go (0301)	20	20	0	0	0	0	0	0	0	0	0	0
Paygo - Restricted (0314)	700	700	0	0	0	750	0	0	0	0	0	750
<b>TOTALS</b>	<b>720</b>	<b>720</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750</b>

**Additional Appropriation Data**

First Appropriation FY	2011
Original 6-Year Budget Authority	2,363
Budget Authority Through FY 2028	720
FY 2023 Budget Authority Changes	-4,152
6-Year Budget Authority Through FY 2028	720
Budget Authority Request Through FY 2029	1,470
Increase (Decrease)	750

**Estimated Operating Impact Summary**

Expenditure (+) or Cost Reduction (-)	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
No estimated operating impact							

**Milestone Data**

	Projected	Actual
Environmental Approvals		09/1/2021
Design Start (FY)		12/1/2020
Design Complete (FY)		06/1/2021
Construction Start (FY)	12/1/2021	
Construction Complete (FY)	06/1/2022	
Closeout (FY)	09/30/2024	

**Full Time Equivalent Data**

Object	FTE	FY 2024 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	750	100.0



# KG0-WETMI-WETLAND & STREAM MITIGATION

**Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Implementing Agency:** DEPARTMENT OF ENERGY AND ENVIRONMENT (KG0)  
**Project No:** WETMI  
**Ward:**  
**Location:** ANACOSTIA RIVER  
**Facility Name or Identifier:** ANACOSTIA RIVER  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:**  
**Estimated Full Funding Cost:** \$1,370,000

**Description:**

This project is required to mitigate adverse impacts of development activity on streams and wetlands that are mandated by Federal and/or District regulations. The wetland mitigation projects include restoration, creation, or enhancement of wetlands for the purpose of compensating for unavoidable impacts to wetlands at another location.

**Justification:**

This project is required to mitigate the impacts of new development activity that may impact streams and wetlands and existing development in proximity to streams and wetlands. The wetland mitigation strategies as part of this project include restoration, creation, or enhancement of wetlands for the purpose of compensating for unavoidable impacts to wetlands at another location.

**Progress Assessment:**

Ongoing Project

**Related Projects:**

BAG04C-Waterway Restoration, CHB01C-Chesapeake Bay Implementation - Capital, ENV01C-Nonpoint Source EPA - Capital, SWM05C-Stormwater Retrofit Implementation

(Dollars in Thousands)

Funding By Phase - Prior Funding							Approved Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
(01) Design	0	0	0	0	0		20	0	0	0	0	0	20
(03) Project Management	1,170	122	260	0	788		0	0	0	0	0	0	0
(04) Construction	0	0	0	0	0		180	0	0	0	0	0	180
<b>TOTALS</b>	<b>1,170</b>	<b>122</b>	<b>260</b>	<b>0</b>	<b>788</b>		<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>

Funding By Source - Prior Funding						Approved Funding							
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
Paygo - Restricted (0314)	1,170	122	260	0	788		200	0	0	0	0	0	200
<b>TOTALS</b>	<b>1,170</b>	<b>122</b>	<b>260</b>	<b>0</b>	<b>788</b>		<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>

**Additional Appropriation Data**

First Appropriation FY	2022
Original 6-Year Budget Authority	1,000
Budget Authority Through FY 2028	1,170
FY 2023 Budget Authority Changes	170
6-Year Budget Authority Through FY 2028	1,170
Budget Authority Request Through FY 2029	1,370
Increase (Decrease)	200

**Estimated Operating Impact Summary**

Expenditure (+) or Cost Reduction (-)	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	6 Yr Total
No estimated operating impact							

**Milestone Data**

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

**Full Time Equivalent Data**

Object	FTE	FY 2024 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	200	100.0