

A. Identification and Coding Information			2. Date: October 1, 2011	7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.
1. Project Number	Agency Number	Update Code		
083807	S-89.22	Change		
3. Project Name: Anacostia Storage Facility			5. Agency: WSSC	
4. Program: Sanitation			6. Planning Area: Bi-County	

B. Expenditure Schedule (000's)											
Cost Elements	(8) Total	(9) Thru FY '11	(10) Estimate FY '12	(11) Total 6 Years	(12) Year 1 FY '13	(13) Year 2 FY '14	(14) Year 3 FY '15	(15) Year 4 FY '16	(16) Year 5 FY '17	(17) Year 6 FY '18	(18) Beyond 6 Years
Planning, Design & Supervision	4,691	3,091	600	1,000	500	500					
Land											
Site Improvements & Utilities											
Construction	13,258	770	4,400	8,088	5,000	3,088					
Other	1,409		500	909	550	359					
Total	19,358	3,861	5,500	9,997	6,050	3,947					

C. Funding Schedule (000's)											
WSSC Bonds	17,422	3,475	4,950	8,997	5,445	3,552					
SDC	1,936	386	550	1,000	605	395					

D. Description & Justification

DESCRIPTION

22-2 This project provides for the customer outreach, planning, design and construction of a new seven million gallon sewer overflow storage facility and needed power reliability upgrades at the existing Anacostia No.2 Wastewater Pumping Station. It includes relocation of an existing PCCP material storage yard, being displaced by the new storage facility, to another location.

Service Area Lower Anacostia Drainage Basin

Capacity 7 MG

JUSTIFICATION

Plans & Studies

"Anacostia Wastewater Pumping Station No.2 Hydraulic Study", Whitman, Requardt & Associates, LLP (October 2005); "Overflow Event June 25 - 26, 2006 Anacostia WWPS", Whitman, Requardt & Associates, LLP (November 2006); Preliminary Design Criteria Report, Whitman, Requardt & Associates (March 2008); Anacostia WWPS Power Reliability Study, Whitman, Requardt & Associates, Shah & Associates (April 2008).

Specific Data

Currently, Anacostia WWPS No. 2 receives flows from the Hyattsville WWPS and by gravity from several basins within the Tributary Area of the Anacostia River. The WWPS discharge is piped directly to DCWASA's sewer system. By agreement between WSSC and DCWASA, the Anacostia WWPS No. 2 cannot discharge wastewater at a rate in excess of 199 MGD. In the past, during extreme rainfall events, the influent flow to Anacostia WWPS No. 2 exceeded the 199 MGD limit, thus creating sanitary overflows on the station site and/or at Junction Chamber No.1, in the vicinity of the Hyattsville WWPS. The Consent Decree between WSSC, MDE, and the EPA was entered into on December 7, 2005, stipulating that the WSSC develop and formally submit a Facility Plan for the Anacostia No. 2 Pump Station to EPA/MDE. The Facility Plan, which recommends the building of a new storage facility intended to eliminate weather related sanitary sewer overflows at the Anacostia No. 2 Pump Station, was approved by EPA/MDE July 31, 2006.

Cost Change

The cost decrease reflects the difference between the 90% design stage cost estimate and the actual construction bid price.

STATUS Under Construction (WSSC Contract Nos. CD4441C06 , CP4441B06 , CS4441A06).

OTHER

The project scope remains the same. The new sewer overflow storage facility will be built on the site of the existing Anacostia No.2 Wastewater Pumping Station. Anacostia WWPS Power Reliability project, Contract No. CP4441B06, was substantially completed in April 2010, and finally accepted in October 2010. PCCP Material Storage Yard, Contract No. CD4441C06, is under construction.

E. Annual Operating Budget Impact (000's)				FY of Impact
Program Costs	Staff			
	Other			
Facility Costs	Maintenance			
	Debt Service	2828		15
Total Costs.....		2828		15
Impact on Water or Sewer Rate.....		6¢		15

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 08
Date First Approved	FY 08
Initial Cost Estimate	33,957
Cost Estimate Last FY	33,668
Present Cost Estimate	19,358
Approved Request, Last FY	9,730
Total Expenditures & Encumbrances	3,861
Approval Request FY 13	6,050
Supplemental Approval Request Current FY (12)	

G. Status Information

Land Status:	Public/Agency owned land
% Project Completion:	C-0%
Est. Completion Date:	April 2014

H. Map Map Reference Code:

MAP NOT AVAILABLE

D. DESCRIPTION & JUSTIFICATION (CONT.)

Agency Number: S - 89.22

Project Name: Anacostia Storage Facility

COORDINATION

Montgomery County Government, Prince George's County Government, Potomac Electric Power Company, Maryland Department of the Environment, Prince George's County Department of Environmental Resources, U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, Region III and U.S. Fish and Wildlife Service.

NOTE This project supports 10% Growth and 90% Environmental Regulation.