

1. Project Number	Agency Number	Update Code
083807	S-89.22	Change

2. Date: October 1, 2013

7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

Revised:

5.Agency: **WSSC**

3. Project Name: Anacostia Storage Facility

4. Program: **Sanitation** 6. Planning Area: **Bi-County**

B.	Expenditure Schedule (000's)
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	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Cost Elements	Total	Thru FY '13	Estimate FY '14	Total 6 Years	Year 1 FY '15	Year 2 FY '16	Year 3 FY '17	Year 4 FY '18	Year 5 FY '19	Year 6 FY '20	Beyond 6 Years
Planning, Design & Supervision	6,048	5,568	390	90	90						
Land											
Site Improvements & Utilities											
Construction	15,343	12,843	2,100	400	400						
Other	298		249	49	49						
Total	21,689	18,411	2,739	539	539						

C.	Funding Schedule (000's)
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WSSC Bonds	19,520	16,570	2,465	485	485						
SDC	2,169	1,841	274	54	54						

D. Description & Justification

DESCRIPTION

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

Cost increase is primarily due to revised higher estimates for the new Anancostia WWPS Power Reliability Part 2 project.

STATUS Under Construction (WSSC Contract Nos. CD4441C06 , CP4441B06 , CS4441A06 , CP4441D06).

OTHER

The project scope remains the same. The new sewer overflow storage facility constructed on the site of the existing Anacostia No.2 Wastewater Pumping Station will be substantially completed in summer 2013. Anacostia WWPS Power Reliability project was accepted in October 2010. PCCP Material Storage Yard was accepted in October 2011. Anacostia WWPS Power Reliability Part 2 project is currently in design with substantial completion expected in FY'15.

E. Annual Operating Budget Impact (000's)	
2019	2020
2021	2022
2023	2024
2025	2026
2027	2028
2029	2030
2031	2032
2033	2034
2035	2036
2037	2038
2039	2040
2041	2042
2043	2044
2045	2046
2047	2048
2049	2050
2051	2052
2053	2054
2055	2056
2057	2058
2059	2060
2061	2062
2063	2064
2065	2066
2067	2068
2069	2070
2071	2072
2073	2074
2075	2076
2077	2078
2079	2080
2081	2082
2083	2084
2085	2086
2087	2088
2089	2090
2091	2092
2093	2094
2095	2096
2097	2098
2099	2100

FY of Impact	
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Program Costs	Staff	
	Other	
Facility Costs	Maintenance		
	Debt Service	2828	16
Total Costs.....		2828	16
Impact on Water or Sewer Rate.....	6¢		16

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	18,797
Present Cost Estimate	21,689
Approved Request, Last FY	2,231
Total Expenditures & Encumbrances	18,411
Approval Request FY 15	539
Supplemental Approval Request Current FY (14)	

G. Status Information

Land Status: Public/Agency owned land

% Project Completion:	C-85%
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Est. Completion Date:	November 2014
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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.