

Potomac WFP Consent Decree Program

A. Identification and Coding Information			PDF Date	October 1, 2020	Pressure Zones	Potomac WFP HGPOWF
Agency Number	Project Number	Update Code	Date Revised		Drainage Basins	
W - 000073.33	173801	Change			Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'20	Estimate FY'21	Total 6 Years	Year 1 FY'22	Year 2 FY'23	Year 3 FY'24	Year 4 FY'25	Year 5 FY'26	Year 6 FY'27	Beyond 6 Years
Planning, Design & Supervision	41,072	8,072	4,500	28,500	4,000	5,000	5,000	5,000	5,000	4,500	
Land	1,000	1,000									
Construction	152,135	9,135	5,000	138,000	6,000	20,000	25,000	29,000	29,000	29,000	
Other	8,800		475	8,325	500	1,250	1,500	1,700	1,700	1,675	
Total	203,007	18,207	9,975	174,825	10,500	26,250	31,500	35,700	35,700	35,175	

C. Funding Schedule (000's)

WSSC Bonds	203,007	18,207	9,975	174,825	10,500	26,250	31,500	35,700	35,700	35,175	
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D. Description & Justification

DESCRIPTION The Potomac WFP Consent Decree Program provides for the planning, design, and construction required for the implementation of Short-Term Operational and Long-Term Capital Improvements at the Potomac Water Filtration Plant (WFP) to allow WSSC Water to meet the new discharge limitations identified in the Consent Decree. JUSTIFICATION The Consent Decree (CD) was Entered by the U.S. District Court of Maryland on April 15, 2016. Under the terms of the CD WSSC Water is required to “undertake short-term operational changes and capital improvements at the Potomac WFP that will enable WSSC Water to reduce significantly the pounds per day of solids discharged to the River” (CD Section II. Paragraph 6.i); and to plan, design, and implement long term “upgrades to the existing Plant or to design and construct a new plant to achieve the effluent limits, conditions, and waste load allocations established by the Maryland Department of the Environment (the Department) and/or in this Consent Decree, and incorporated in a new discharge permit to be issued by the Department” (CD Section II. Paragraph 6.ii). The CD required WSSC Water to submit a Draft Audit Report and Draft Long-Term Upgrade Plan to the Citizens and the Department by November 15, 2016, and final reports to the Citizens and the Department by January 1, 2017. The Final Audit and Long-Term Upgrade Plan Reports were submitted to the Citizens and the Department on December 29, 2016. The Department reviews the Audit Report and selects recommended improvements in operations, monitoring, and waste tracking, along with select capital projects that can be completed no later than April 1, 2020 and that are necessary to achieve the goals identified in CD Section IV. Paragraph 24. Additionally, the work required to implement the Long-Term Capital Improvements Project(s) shall be fully implemented in accordance with the schedule set forth in the Long-Term Upgrade Plan. WSSC Water shall be subject to a lump-sum stipulated penalty in accordance with the CD for failure to implement the Long-Term Capital Improvement Project(s) by January 1, 2026. COST CHANGE Costs are based on recommendations in the approved revised LTUP Report dated September 2018. OTHER The project scope has remained the same. Expenditure and schedule projections shown above are preliminary design level estimates and include \$1,000,000 for Supplemental Environmental Projects included under CD Section IX. Paragraph 50. WSSC Water Green Bonds issued in December 2019 will be utilized to fund a portion of this project. The reduction in suspended solids discharged into the Potomac River will address the following International Capital Market Association (ICMA) Green Bond Principles 2016 categories: Pollution prevention/control; and, Terrestrial and aquatic biodiversity conservation. COORDINATION Coordinating Agencies: Maryland Department of the Environment; Montgomery County Government; National Park Service; Prince George's County Government; U.S. Environmental Protection Agency, Region III Coordinating Projects: W - 000073.30 - Potomac WFP Submerged Channel Intake; W - 000073.32 - Potomac WFP Main Zone Pipeline
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E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	\$13,206	28
Total Cost	\$13,206	28
Impact on Water and Sewer Rate	\$0.03	28

F. Approval and Expenditure Data (000's)	
Date First in Program	FY 17
Date First Approved	FY 16
Initial Cost Estimate	27,250
Cost Estimate Last FY	202,032
Present Cost Estimate	203,007
Approved Request Last FY	10,500
Total Expense & Encumbrances	18,207
Approval Request Year 1	10,500

G. Status Information	
Land Status	Land Acquired
Project Phase	Design
Percent Complete	30 %
Estimated Completion Date	January 2027
Growth	
System Improvement	
Environmental Regulation	100%
Population Served	
Capacity	

H. Map
MAP NOT AVAILABLE