

# Septage Discharge Facility Planning & Implementation

A. Identification and Coding Information			PDF Date	October 1, 2020	Pressure Zones	
Agency Number	Project Number	Update Code	Date Revised	January 15, 2020	Drainage Basins	
S - 000170.08	103802	Change			Planning Areas	Bi-County

## B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'19	Estimate FY'20	Total 6 Years	Year 1 FY'21	Year 2 FY'22	Year 3 FY'23	Year 4 FY'24	Year 5 FY'25	Year 6 FY'26	Beyond 6 Years
Planning, Design & Supervision	5,055	3,359	561	1,135	561	124		225	225		
Land											
Construction	25,346	2,045	3,967	19,334	10,767	2,393		3,087	3,087		
Other	3,180		1,133	2,047	1,133	252		331	331		
Total	33,581	5,404	5,661	22,516	12,461	2,769		3,643	3,643		

## C. Funding Schedule (000's)

WSSC Bonds	33,581	5,404	5,661	22,516	12,461	2,769		3,643	3,643		
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## D. Description & Justification

### DESCRIPTION

This project provides for the planning, design, and construction of a new Septage and Fats, Oils, Grease (FOG) discharge facility at the abandoned Rock Creek WRRF, and new Septage discharge facilities at Anacostia WWPS No. 2 and Piscataway WRRF.

### JUSTIFICATION

Currently septage waste is collected at three locations: Muddy Branch Road Disposal Site in Montgomery County, and Ritchie Road Disposal Site and Bladensburg Disposal Site in Prince George's County (the Temple Hills Road site was closed down on July 1, 2015). The types of waste collected are as follows: Septic Tank Pump-Out (Sludge), Waste Holding Tank Discharge (Gray Water); Grease Trap Pump Out (FOG), Bus Holding Tank Discharge (Sewage and Chemicals), and Small Food Service Providers (Low Volume FOG Waste). FOG wastes should not be discharged to the Commission's sewerage system without treatment.

Septage Discharge Facility Study for Montgomery County: Final Report, JMT (July 2012); Septage Discharge Facility Study for Prince George's County: Final Report, JMT (July 2012).

### COST CHANGE

The estimated construction cost of the three facilities has increased based upon more refined cost estimates for all three sites.

### OTHER

The project scope has remained the same. The design of the Rock Creek and Anacostia sites are 100% complete. The design of the Piscataway site is 90% complete. The expenditures and schedule projections shown in Block B are estimates at the current design stages at each site, and may change based upon actual bids. The design and construction of the FOG Discharge Facility at the Piscataway WRRF has been moved to the Piscataway WRRF Bio-Energy Project.

The Rock Creek and Anacostia sites will be advertised as one project in 2019. The design of the Piscataway site will be completed with construction deferred until 2023, after the performance of the Rock Creek and Anacostia sites have been evaluated, and coordinated with the construction schedule of the other Piscataway facility projects.

### COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission;(Mandatory Referral); Montgomery County Department of Environmental Protection; Montgomery County Government; Prince George's County Department of Environmental Resources; Prince George's County Government  
Coordinating Projects: S - 000096.14 - Piscataway WRRF Facility Upgrades; S - 000103.02 - Piscataway WWTP Bio-Energy Project

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	\$2,627	26
Total Cost	\$2,627	26
Impact on Water and Sewer Rate	\$0.01	26

## F. Approval and Expenditure Data (000's)

Date First in Program	FY 10
Date First Approved	FY 10
Initial Cost Estimate	10,835
Cost Estimate Last FY	32,455
Present Cost Estimate	40,381
Approved Request Last FY	12,276
Total Expense & Encumbrances	5,404
Approval Request Year 1	12,461

## G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	90 %
Estimated Completion Date	June 2025

Growth	
System Improvement	100 %
Environmental Regulation	
Population Served	
Capacity	

## H. Map

MAP NOT APPLICABLE