

Resolution No:	<u>18-512</u>
Introduced:	<u>May 26, 2016</u>
Adopted:	<u>May 26, 2016</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2017-2022 Capital Improvements Program for the Washington Suburban Sanitary Commission

Background

1. As required by Section 23-304 of the Public Utilities Article of the Maryland Code, before October 1 of each year, the Washington Suburban Sanitary Commission (WSSC) must prepare and submit to the County Executive and County Council of Montgomery County a 6-year Capital Improvements Program (CIP) for water and sewer facilities.
2. On October 1, 2015, WSSC transmitted its Proposed CIP for Fiscal Years 2017-2022.
3. On January 15, 2016, the County Executive transmitted his recommendations regarding the FY 2017-2022 WSSC CIP.
4. Section 23-306 of the Public Utilities Article of the Maryland Code authorizes the Council to approve, disapprove, or modify the WSSC CIP.
5. Section 23-305 of the Public Utilities Article of the Maryland Code requires that before final action on the WSSC CIP is taken, public hearings must be held on the Program. The Council held public hearings on the CIP on February 10 and February 11, 2016.
6. The Council considered the recommendations of the Executive and the Montgomery County Planning Board regarding the CIP and reviewed the project description forms.
7. The Council recognizes that the information and documentation contained in the CIP are an integral part of the Comprehensive Water Supply and Sewerage Systems Plan which must be submitted to the State Department of the Environment in accordance with Section 9-501 et seq. of the Environment Article of the Maryland Code.
8. On May 12, 2016, the Montgomery County and Prince George's County Councils jointly reviewed their respective proposed additions to, deletions from, increases to, and decreases in the WSSC capital and operating budgets and further considered all proposed changes. The Councils agree on changes to the WSSC Proposed CIP.

Action

The County Council for Montgomery County, Maryland approves the following resolution for the Washington Suburban Sanitary Commission:


1. The Council approves the projects in the WSSC Proposed CIP for FY 2017-2022 as transmitted on October 1, 2015, except those projects which are approved as modified by the Montgomery and Prince George's County Councils. Amended project description forms are attached to this resolution and are identified by the following WSSC project numbers:

S-22.06; S-22.07; S-22.09; S-22.10; S-22.11.

2. The Council approves the addition of the Potomac WFP Consent Decree Program project (W-73.33) as transmitted to both Councils as a mid-cycle update to the WSSC Proposed CIP for FY 2017-2022 on April 20, 2016.

3. The Council approves the close out of the projects in Part I.

This is a correct copy of Council action.



Linda M. Lauer, Clerk of the Council

Blue Plains WWTP: Liquid Train Projects, Part 2

A. Identification and Coding Information		PDF Date	October 1, 2015	Pressure Zones	
Agency Number	Project Number	Date Revised	April 20, 2016	Drainage Basins	Bi-County 30;
S-22.06	954811			Planning Areas	Bi-County;
B. Expenditure Schedule (000's)					

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	118,987	99,143	4,313	14,361	2,952	3,314	2,810	2,495	1,690	1,100	1,170
Land											
Site Improvements & Utilities											
Construction	239,106	157,836	5,311	68,078	9,006	12,809	16,450	12,640	7,460	9,713	7,881
Other	1,012	96	96	826	120	161	193	151	92	108	91
Total	359,105	256,979	9,720	83,264	12,078	16,284	19,453	15,286	9,242	10,921	9,142

C. Funding Schedule (000's)	WSSC Bonds	City of Rockville
	339,392	242,872
	19,713	14,107
		534
		663
		894
		1,068
		839
		507
		599
		502

D. Description & Justification
DESCRIPTION
 This project provides funding for WSSC's share of Blue Plains liquid train projects for which construction began after June 30, 1993. Major projects include: Dual Purpose Sedimentation Basins Rehabilitation, Headworks HVAC Rehabilitation, Raw Wastewater Pumping Station No. 2, Primary Treatment Facilities Phase II, and Grit Chamber Facilities Phase II.
JUSTIFICATION
 This is a continuation of the DCWASA's upgrading of the Blue Plains Wastewater Treatment Plant.
 The Blue Plains Intermunicipal Agreement of 2012, the DCWASA Master Plan (1998), and the DCWASA Approved FY 2017 Capital Improvements Program.
COST CHANGE
 Cost increase is primarily due to the addition of new projects for Replace/Upgrade Primary Treatment Mechanisms, Grit Chambers 1 & 2 Upgrades, Secondary East & West Upgrades, and Nitrification Reactor/Sedimentation Upgrades.
OTHER
 The project scope has remained the same. Project costs are derived from the DCWASA Capital & Operating Budget 10-year forecast of spending and DCWASA's latest project management data, and fully reflect DCWASA's current cost estimates and expenditure schedules. Given the open-ended nature of the Blue Plains projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost.
COORDINATION
 Coordinating Agencies: District of Columbia Water and Sewer Authority; (responsible for design and construction); City of Rockville; (responsible for a share of funding)
 Coordinating Projects: S-22.10-Blue Plains WWTP: Enhanced Nutrient Removal;

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff		
Maintenance		
Other Project Costs		
Debt Service	\$23,352	
Total Cost	\$23,352	
Impact on Water and Sewer Rate	\$0.52	

F. Approval and Expenditure Data (000's)	
Date First in Program	FY 95
Date First Approved	FY 95
Initial Cost Estimate	69,745
Cost Estimate Last FY	345,636
Present Cost Estimate	359,105
Approved Request Last FY	8,008
Total Expense & Encumbrances	256,979
Approval Request Year 1	12,078

G. Status Information	
Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	
Est Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	370 MGD

H. Map

MAP NOT AVAILABLE

Blue Plains WWTP: Biosolids Management, Part 2

A. Identification and Coding Information		PDF Date	October 1, 2015	Pressure Zones
Agency Number	Project Number	Date Revised	April 20, 2016	Drainage Basins
S-22.07	954812	Change		Planning Areas
				Bi-County:
				Bi-County:

B. Expenditure Schedule (000's)											
Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	145,464	133,741	4,946	6,080	1,158	832	572	1,086	1,547	885	697
Land											
Site Improvements & Utilities											
Construction	300,874	263,593	12,972	23,900	2,812	2,675	5,431	4,055	6,994	1,933	409
Other	489		179	298	40	35	60	51	85	28	11
Total	446,827	397,334	18,097	30,279	4,010	3,542	6,063	5,192	8,626	2,846	1,117

C. Funding Schedule (000's)											
WSSC Bonds	422,300	375,523	17,104	28,617	3,790	3,348	5,730	4,907	8,152	2,690	1,056
City of Rockville	24,527	21,811	993	1,662	220	194	333	285	474	156	61

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of the Blue Plains biosolids handling projects for which construction began after June 30, 1993. Major projects include: new Digestion Facilities; Gravity Thickener Facilities; and Solids Processing Building/Dewatered Sludge Loading Facility.

JUSTIFICATION

This project is needed to implement a set of facilities which will provide a permanent biosolids management program for Blue Plains. The Blue Plains Inter-municipal Agreement of 2012; the DCWASA Master Plan (1998); EPMC IV Facility Plan, CH2MHILL (2001); the Biosolids Management at DCWASA Blue Plains Wastewater Treatment Plant Phase II - Design and Cost Considerations for Treatment Alternatives Report (December 2007); and the DCWASA Approved FY 2017 Capital Improvement Program.

COST CHANGE

Not applicable

OTHER

The project scope has remained the same. Project costs are derived from the DCWASA Capital & Operating Budget 10-year forecast of spending and DCWASA's latest project management data, and fully reflect DCWASA's current cost estimates and expenditure schedules. Given the open-ended nature of the Blue Plains projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. Portions of the program have been financed by low interest loans through the Maryland Department of the Environment's Water Quality Administration State Revolving Loan Program. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: City of Rockville; (responsible for a share of funding); District of Columbia Water and Sewer Authority; (responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$29,057	
Total Cost	\$29,057	
Impact on Water and Sewer Rate	\$0.65	

F. Approval and Expenditure Data (000's)

Date First in Program	FY 95
Date First Approved	FY 95
Initial Cost Estimate	77,296
Cost Estimate Last FY	409,909
Present Cost Estimate	446,827
Approved Request Last FY	4,558
Total Expense & Encumbrances	397,334
Approval Request Year 1	4,010

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	
Est Completion Date	On-Going

H. Map

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	370 MGD

MAP NOT AVAILABLE

Blue Plains WWTP: Plant-wide Projects

A. Identification and Coding Information	
Agency Number	Project Number
S-22-09	023805
	Update Code
	Change

PDF Date	October 1, 2015
Date Revised	April 20, 2016

Pressure Zones	BI-County 30;
Drainage Basins	BI-County;
Planning Areas	

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	95,747	74,388	2,427	16,021	2,396	1,547	1,335	4,105	4,018	2,620	2,911
Land											
Site Improvements & Utilities											
Construction	206,640	118,074	6,270	55,872	5,764	6,728	9,142	14,757	10,197	9,284	26,424
Other	1,100		87	720	82	83	105	189	142	119	293
Total	303,487	192,462	8,784	72,613	8,242	8,358	10,582	19,061	14,357	12,023	29,628

C. Funding Schedule (000's)

WSSC Bonds	286,828	181,897	8,302	68,627	7,790	7,899	10,001	18,005	13,569	11,363	28,002
City of Rockville	16,659	10,565	482	3,986	452	459	581	1,046	788	660	1,626

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of Blue Plains plant-wide projects for which construction began after June 30, 1993. Major projects include: New Warehouse/Visitor Center/Security Facility, Electrical Power System, and Instrumentation and Control Engineering Program Management.

JUSTIFICATION

This is a continuation of the DCWASA's upgrading of the Blue Plains Wastewater Treatment Plant. The Blue Plains Intermunicipal Agreement of 2012; the WASA Master Plan (1998); and the DCWASA Approved FY 2017 Capital Improvement Program.

COST CHANGE

Cost increased for new major projects including Hydrogen Sulfide Mitigation, Roofing Upgrades, and Chemical System/Building Upgrades.

OTHER

The project scope has remained the same. Project costs are derived from the DCWASA Capital & Operating Budget 10-year forecast and latest project management data, and reflect DCWASA's current expenditure estimates and schedules. Given the open-ended nature of the project, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: City of Rockville; (responsible for a share of funding); District of Columbia Water and Sewer Authority; (responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$19,735	
Total Cost	\$19,735	
Impact on Water and Sewer Rate	\$0.44	

F. Approval and Expenditure Data (000's)

Date First in Program	FY 95
Date First Approved	FY 02
Initial Cost Estimate	84,650
Cost Estimate Last FY	286,513
Present Cost Estimate	303,487
Approved Request Last FY	5,977
Total Expense & Encumbrances	192,462
Approval Request Year 1	8,242

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	
Est Completion Date	On-Going

H. Map

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	370 MGD

MAP NOT AVAILABLE

Blue Plains WWTP: Enhanced Nutrient Removal

A. Identification and Coding Information	
Agency Number	Project Number
S-22-10	083800
	Update Code
	Change

PDF Date	October 1, 2015
Date Revised	April 20, 2016

Pressure Zones	Bi-County 30;
Drainage Basins	Bi-County;
Planning Areas	

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	107,503	74,524	11,140	20,994	8,613	6,376	2,848	2,097	805	255	845
Land											
Site Improvements & Utilities											
Construction	289,923	173,685	48,138	66,808	38,354	27,236	1,105	84	23	6	1,292
Other	1,493		593	879	470	336	40	22	8	3	21
Total	398,919	248,209	59,871	88,681	47,437	33,948	3,993	2,203	836	264	2,158

C. Funding Schedule (000's)

WSSC Bonds	173,373	80,028	33,562	57,743	30,964	23,838	1,586	847	324	184	2,040
State Aid	215,482	163,538	24,360	27,584	14,675	8,725	2,315	1,307	493	69	0
City of Rockville	10,064	4,643	1,949	3,354	1,798	1,385	92	49	19	11	118

D. Description & Justification

DESCRIPTION
 This project provides funding for WSSC's share of the Blue Plains Enhanced Nutrient Removal projects required to achieve nutrient removal to levels below BNR levels to meet the Chesapeake Bay water quality targets determined in the 2005 Tributary Strategies Process and DC Waters 2010 NPDES permit. Major projects include: Enhanced Nitrogen Removal North, Enhanced Clarification Facilities, Enhanced Nitrogen Removal Facilities, Biosolids Filtrate Treatment Facilities, and Wet Weather Mitigation, Diversion at Boiling and Tunnel Dewatering Pump Station.

JUSTIFICATION

The funding schedule reflects the final cost sharing agreement with the Maryland Department of the Environment, Chesapeake Bay Program Tributary Strategies Process (2005); Blue Plains Strategic Process Study, Metcalf & Eddy (2005); Selection of the Enhanced Nitrogen Removal Process Alternative for the Blue Plains Advanced Wastewater Treatment Facility, Metcalf & Eddy (2009); DCWASA Approved FY 2017 Capital Improvement Program, and the Blue Plains Intermunicipal Agreement of 2012.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Project costs are derived from the DCWASA Capital & Operating Budget 10-year forecast and latest project management data, and reflect DCWASA's current expenditure estimates and schedules. Total Nitrogen Secondary Treatment Upgrades will take place after 2021. Projects extending beyond those supported by State Aid include rehabilitation and upgrades to older projects. Portions of the program have been financed by low interest loans through the Maryland Department of the Environment's Water Quality Administration State Revolving Loan Program. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; U.S. Environmental Protection Agency, Region III; District of Columbia Water and Sewer Authority; (responsible for design and construction); City of Rockville; (responsible for a share of funding)
 Coordinating Projects: S-22-06-Blue Plains WWTP: Liquid Train Projects, Part 2;

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$11,929	
Total Cost	\$11,929	
Impact on Water and Sewer Rate	\$0.27	

F. Approval and Expenditure Data (000's)

Date First in Program	FY 08
Date First Approved	FY 07
Initial Cost Estimate	648
Cost Estimate Last FY	386,171
Present Cost Estimate	398,919
Approved Request Last FY	55,284
Total Expense & Encumbrances	248,209
Approval Request Year 1	47,437

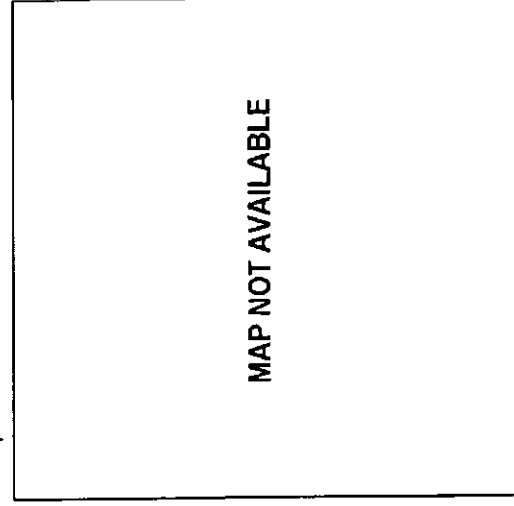
G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	
Est Completion Date	On-Going

Growth

System Improvement	
Environmental Regulation	100%
Population Served	
Capacity	370 MGD

H. Map



MAP NOT AVAILABLE

Blue Plains: Pipelines & Appurtenances

A. Identification and Coding Information	
Agency Number	Project Number
S-22.11	113804
	Update Code
	Change

PDF Date	October 1, 2015
Date Revised	April 20, 2016

Pressure Zones	
Drainage Basins	BI-County 30;
Planning Areas	BI-County;

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	40,382	16,986	4,565	4,663	3,463	1,632	1,171	2,906	3,041	1,935
Land										
Site Improvements & Utilities										
Construction	135,066	53,034	8,822	12,242	9,752	8,249	8,545	9,177	10,774	14,471
Other	1,054		134	169	132	99	97	121	138	164
Total	176,502	70,020	13,521	17,094	13,347	9,980	9,813	12,204	13,953	16,570

C. Funding Schedule (000's)

WSSC Bonds	168,977	67,219	13,205	16,575	12,850	9,489	9,499	11,759	13,472	14,909
City of Rockville	7,525	2,801	316	2,747	497	491	314	445	481	1,661

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of Blue Plains-associated projects which are "outside the fence" of the treatment plant. Major projects include: A new headquarters building; Potomac Interceptor Rehabilitation; Upper Potomac Interceptor; Potomac Sewage Pumping Station Rehabilitation; Influent Sewers Rehabilitation; and projects associated with the Combined Sewer Overflow (CSO) Long Term Control Plan (e.g. Anacostia Tunnel).

JUSTIFICATION

This is a continuation of DCWASA's upgrading of the Blue Plains-associated projects outside the fence.

The Blue Plains Intermunicipal Agreement of 2012; the WASA Master Plan (1998); Technical Memorandum No. 1, Multi-Jurisdictional Use Facilities Capital Cost Allocation, (June 2013), and the DCWASA Approved FY 2017 Capital Improvement Program.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Project costs are derived from the DC-WASA Capital & Operating Budget 10-year forecast and latest project management data, and reflect WASA's current expenditure estimates and schedules. Given the open-ended nature of the project, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost which varies by project based on the City's relative share of WSSC's flow as derived in the Multijurisdiction Use Facilities Study.

COORDINATION

Coordinating Agencies: City of Rockville; (responsible for a share of funding); District of Columbia Water and Sewer Authority; (responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$11,627	
Total Cost	\$11,627	
Impact on Water and Sewer Rate	\$0.26	

F. Approval and Expenditure Data (000's)

Date First in Program	FY 11
Date First Approved	FY 02
Initial Cost Estimate	102,833
Cost Estimate Last FY	178,731
Present Cost Estimate	176,502
Approved Request Last FY	22,007
Total Expense & Encumbrances	70,020
Approval Request Year 1	17,094

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	
Est Completion Date	On-Going

H. Map

Growth	
System Improvement	45%
Environmental Regulation	55%
Population Served	
Capacity	

MAP NOT AVAILABLE

Potomac WFP Consent Decree Program

A. Identification and Coding Information		PDF Date	April 20, 2016	Pressure Zones	Potomac WFP HGPOWVF;
Agency Number	Project Number	Date Revised		Drainage Basins	
W-73.33				Planning Areas	BI-County;
	Update Code				
	Add				

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'15	Estimate FY'16	Total 6 Years	Year 1 FY'17	Year 2 FY'18	Year 3 FY'19	Year 4 FY'20	Year 5 FY'21	Year 6 FY'22	Beyond 6 Years
Planning, Design & Supervision	10,000		10,000	10,000	2,000	2,000	2,000	2,000	2,000		
Land	1,000		1,000	1,000	600	400					
Site Improvements & Utilities	15,000		15,000	15,000		3,000	4,000	4,000	4,000		
Construction	1,250		1,250	1,250	100	250	300	300	300		
Other	27,250		27,250	27,250	2,700	5,650	6,300	6,300	6,300	6,300	
Total	27,250		27,250	27,250	2,700	5,650	6,300	6,300	6,300	6,300	

C. Funding Schedule (000's)

WSSC Bonds	27,250
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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 the Commission to meet the new discharge limitations identified in the Consent Decree.

JUSTIFICATION
The Consent Decree (CD) was lodged with the U.S. District Court of Maryland on October 29, 2015 and is pending for approval and entry by the Court. Under the terms of the CD the Commission is required to "undertake short-term operational changes and capital improvements at the Potomac WFP that will enable WSSC 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 requires the Commission 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 be submitted to the Citizens and the Department by January 1, 2017. Upon receipt the Department will review the Audit Report and select improvements in operations, monitoring, and waste tracking recommended in the Audit Report and 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. The Commission shall be subjected 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
Not applicable.

OTHER

The project scope was developed for the FY 2017 CIP and has a preliminary cost estimate of approximately \$27,250,000. Expenditure and schedule projections shown above are Order of Magnitude level estimates. The construction estimate is expected to increase significantly once the Short-Term (Audit Report) and Long-Term Capital Improvements plans are completed and approved by the Maryland Department of the Environment. The expenditure and schedule projections shown above also include \$1,000,000 for Supplemental Environmental Projects included under CD Section IX, Paragraph 50. Preliminary planning work is currently underway in FY'16 under ESP project W-708.48, Potomac WFP Consent Decree Projects. In addition, operational requirements identified in CD Section IV, Interim Performance Measures and Plant Improvements are currently underway under ESP project W-708.47, Potomac WFP Turbidity Monitoring.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Montgomery County Government; Prince George's County Government; National Park Service; U.S. Environmental Protection Agency, Region III;
Coordinating Projects: W-73.21-Potomac WFP Corrosion Mitigation; W-73.30-Potomac WFP Submerged Channel Intake;

E. Annual Operating Budget Impact (000's)

Staff		FY of Impact
Maintenance		
Other Project Costs		
Debt Service	\$1,875	22
Total Cost	\$1,875	22
Impact on Water and Sewer Rate	\$0.04	22

F. Approval and Expenditure Data (000's)

Date First in Program	FY 16
Date First Approved	FY 16
Initial Cost Estimate	27,250
Cost Estimate Last FY	27,250
Present Cost Estimate	27,250
Approved Request Last FY	
Total Expense & Encumbrances	
Approval Request Year 1	2,700

G. Status Information

Land Status	Land and RW to be acquired
Project Phase	Planning
Percent Complete	0%
Est Completion Date	January 2026

H. Map

Growth	
System Improvement	
Environmental Regulation	100%
Population Served	
Capacity	

MAP NOT AVAILABLE

**PART I: WASHINGTON SUBURBAN SANITARY COMMISSION
CAPITAL PROJECTS TO BE CLOSED OUT**

The Washington Suburban Sanitary Commission has authorized the close out of the following Montgomery County and Bi-County Projects.

<u>COUNTY NUMBER</u>	<u>CATEGORY</u>	<u>PROJECTS</u>
073801	Montgomery	Damascus WWTP Enhanced Nutrient Removal
983854	Montgomery	Land & Rights-Of-Way Acquisition - Montgomery County
033805	Bi-County	Power Reliability and Arc Flash Implementation
113806	Bi-County	Potomac WFP Stage 2 Disinfection Byproducts Rule Implementation
083807	Bi-County	Anacostia Storage Facility