

Resolution No:	<u>17-449</u>
Introduced:	<u>May 24, 2012</u>
Adopted:	<u>May 24, 2012</u>

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

By: County Council

SUBJECT: Approval of the FY 2013-2018 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 September 26, 2011, WSSC transmitted its Proposed CIP for Fiscal Years 2013-2018.
3. On January 17, 2012, the County Executive transmitted his recommendations regarding the FY 2013-2018 WSSC CIP. (January 15 fell on a Sunday and January 16 fell on a holiday.)
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 7 and 9, 2012.
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 10, 2012, 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

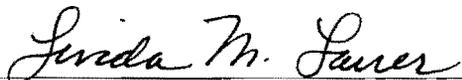
The County Council for Montgomery County, Maryland approves the following resolution for the Washington Suburban Sanitary Commission:

1. The Council approves the projects in the WSSC Proposed CIP for FY 2013-2018 as transmitted on September 26, 2011, 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-22.08, S-22.09, S-22.10, S-22.11, S-25.04, W-172.07

2. 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

A. Identification and Coding Information

1. Project Number: 954812 Agency Number: S-22.07 Update Code: Change

2. Date: October 1, 2011 Revised: May 10, 2012

3. Project Name: Blue Plains WWTP: Biosolids Management, Part 2

4. Program: Sanitation 5. Agency: WSSC 6. Planning Area: Bi-County

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

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	84,587	56,120	11,732	16,735	7,998	6,334	1,533	357	372	141	
Land											
Site Improvements & Utilities											
Construction	284,774	83,089	55,111	146,574	101,249	33,493	7,283	3,266	1,225	58	
Other	2,300		668	1,632	1,092	398	88	36	16	2	
Total	371,661	139,209	67,511	164,941	110,339	40,225	8,904	3,659	1,613	201	

C. Funding Schedule (000's)

WSSC Bonds	351,258	131,567	63,805	155,886	104,282	38,017	8,415	3,458	1,524	190	
City of Rockville	20,403	7,642	3,706	9,055	6,057	2,208	489	201	89	11	

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 and centrifuge thickener facilities; area electrical substation #6; and solids processing building/dewatered sludge loading facility.

Service Area: Bi-County Area Capacity: 370 MGD

JUSTIFICATION

Plans & Studies

The Blue Plains Intermunicipal Agreement of 1985; 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 2011 - FY 2020 Capital Improvement Program (January 5, 2012).

Specific Data

This project is needed to implement a set of facilities which will provide a permanent biosolids management program for Blue Plains.

Cost Change

Cost increase is primarily due to refined estimates as the Anaerobic Digesters and Gravity Thickening Facilities progress through design, and higher costs associated with program management.

STATUS 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. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

City of Rockville (responsible for a share of funding) and District of Columbia Water & Sewer Authority (responsible for design and construction).

NOTE This project supports 100% System Improvement.

E. Annual Operating Budget Impact (000's)

		FY of Impact
Program Costs	Staff .....	.....
	Other .....	.....
Facility Costs	Maintenance .....	.....
	Debt Service	30896 19
Total Costs		30896 19
Impact on Water or Sewer Rate		67¢ 19

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 95
Date First Approved	FY 95
Initial Cost Estimate	77,296
Cost Estimate Last FY	340,420
Present Cost Estimate	371,661
Approved Request, Last FY	62,573
Total Expenditures & Encumbrances	139,209
Approval Request FY 13	110,339
Supplemental Approval Request Current FY (12)	

G. Status Information

Land Status: Not applicable

% Project Completion: On-Going

Est. Completion Date: On-Going

H. Map Map Reference Code:

MAP NOT AVAILABLE

A. Identification and Coding Information

1. Project Number: 973817 | Agency Number: S-22.08 | Update Code: Change

2. Date: October 1, 2011 | Revised: May 10, 2012

3. Project Name: Blue Plains WWTP: Biological Nutrient Removal

4. Program: Sanitation | 5. Agency: WSSC | 6. Planning Area: Bi-County

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

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	18,568	15,504	1,049	2,015	1,187	554	274				
Land											
Site Improvements & Utilities											
Construction	68,172	47,857	3,530	16,785	9,267	5,019	2,191	308			
Other	235		46	189	105	56	25	3			
Total	86,975	63,361	4,625	18,989	10,559	5,629	2,490	311			

C. Funding Schedule (000's)

WSSC Bonds	41,098	29,941	2,185	8,972	4,989	2,660	1,177	146			
State Aid	43,490	31,681	2,313	9,496	5,280	2,815	1,245	156			
City of Rockville	2,387	1,739	127	521	290	154	68	9			

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of the Blue Plains Biological Nutrient Removal Pilot Project and BNR Permanent Facility design and construction. The project includes modifications to the nitrification basins, methanol storage and feed facilities, a control building, addition of fine bubble diffusers, and improvements to the nitrification facilities (Phase II). This project is stipulated in the 1995 Consent Decree signed by the District of Columbia and the United States Department of Justice.

Service Area Bi-County Area | **Capacity** 370 MGD

JUSTIFICATION

Plans & Studies
Porter, MacNamee & Seely Study (1992); Civil Action No. 90-163; Civil Action No. 84-2842 JGP; the DCWASA Master Plan (1998); and the DCWASA Approved FY 2011 - FY 2020 Capital Improvement Program (January 5, 2012).

Specific Data
The initial \$12.1 million Pilot Project was planned as a phased, four year, half-plant trial. For the Pilot, portions of the nitrification basins were converted to anoxic zones with methanol added as the carbon source. After the Pilot Project proved successful in the first two years, the third and fourth years were not required and the design and construction of permanent BNR facilities commenced. The Consent Decree acknowledged that applying this technology was experimental.

Cost Change
Cost increase is based upon actual expenditure data as Nitrification/Denitrification facilities progress through construction.

STATUS Under Construction

OTHER
The project scope has remained the same. The expenditure schedule shown above reflects the cost of permanent BNR facilities as required under the Consent Decree. Phase I and portions of Phase II are complete. The Maryland Department of the Environment (MDE) has, by agreement, committed to providing 50% grant funding for eligible costs.

COORDINATION
City of Rockville (responsible for a share of funding), Maryland Department of the Environment and District of Columbia Water & Sewer Authority (responsible for design and construction).

NOTE This project supports 100% Environmental Regulation.

E. Annual Operating Budget Impact (000's) | FY of Impact

Program Costs	Staff		
	Other		
Facility Costs	Maintenance		
	Debt Service	3628	17
Total Costs		3628	17
Impact on Water or Sewer Rate		8¢	17

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 96
Date First Approved	FY 96
Initial Cost Estimate	12,189
Cost Estimate Last FY	84,265
Present Cost Estimate	86,975
Approved Request, Last FY	8,264
Total Expenditures & Encumbrances	63,361
Approval Request FY 13	10,559
Supplemental Approval Request Current FY (12)	

G. Status Information

Land Status: Not applicable
 % Project Completion: C-90%
 Est. Completion Date: FY 2016

H. Map | Map Reference Code:

MAP NOT AVAILABLE

A. Identification and Coding Information

1. Project Number: 023805 Agency Number: S-22.09 Update Code: Change

2. Date: October 1, 2011 Revised: May 10, 2012

3. Project Name: Blue Plains WWTP: Plant-wide Projects

4. Program: Sanitation 5. Agency: WSSC 6. Planning Area: Bi-County

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

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	49,446	42,328	1,233	5,310	1,949	1,346	675	284	629	427	575
Land											
Site Improvements & Utilities											
Construction	156,307	117,903	7,777	26,602	8,116	6,372	2,675	1,511	1,553	6,375	4,025
Other	456		90	320	101	77	34	18	22	68	46
Total	206,209	160,231	9,100	32,232	10,166	7,795	3,384	1,813	2,204	6,870	4,646

C. Funding Schedule (000's)

WSSC Bonds	194,888	151,435	8,600	30,462	9,608	7,367	3,198	1,713	2,083	6,493	4,391
City of Rockville	11,321	8,796	500	1,770	558	428	186	100	121	377	255

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: Process Control Computer Systems; Electrical Power Systems Additions, Phases I & II; High Priority Rehabilitation Program; and Plant-wide Fine Bubble Aeration Conversion.

Service Area Bi-County Area **Capacity** 370 MGD

JUSTIFICATION

Plans & Studies
The Blue Plains Intermunicipal Agreement of 1985; the WASA Master Plan (1998); and the DCWASA Approved FY 2011 - FY 2020 Capital Improvement Program (January 5, 2012).

Specific Data
This is a continuation of the DCWASA's upgrading of the Blue Plains Wastewater Treatment Plant.

Cost Change
The overall cost increase is primarily due to adding a new IT Data Center project and revised estimates for the Process Computer Control System, and Electric Power System - Switch Gear projects.

STATUS 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. 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
City of Rockville (responsible for a share of funding) and District of Columbia Water & Sewer Authority (responsible for design and construction).

NOTE This project supports 100% System Improvement.

E. Annual Operating Budget Impact (000's) FY of Impact

Program Costs	Staff .....	.....
	Other .....	.....
Facility Costs	Maintenance .....	.....
	Debt Service	16643
Total Costs		16643
Impact on Water or Sewer Rate		36¢

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 95
Date First Approved	FY 02
Initial Cost Estimate	84,650
Cost Estimate Last FY	198,769
Present Cost Estimate	206,209
Approved Request, Last FY	7,731
Total Expenditures & Encumbrances	160,231
Approval Request FY 13	10,166
Supplemental Approval Request Current FY (12)	

G. Status Information

Land Status: Not applicable
 % Project Completion: On-Going
 Est. Completion Date: On-Going

H. Map Map Reference Code:

MAP NOT AVAILABLE

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
083800	S-22.10	Change

2. Date: October 1, 2011

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

Revised: May 10, 2012

3. Project Name: Blue Plains WWTP: Enhanced Nutrient Removal

5. Agency: **WSSC**

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

E. Annual Operating Budget Impact (000's)

FY of Impact

Program Costs	Staff .....	.....
	Other .....	.....
Facility Costs	Maintenance .....	.....
	Debt Service	14917
Total Costs		14917
Impact on Water or Sewer Rate.....		32¢

B. Expenditure Schedule (000's)

	(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
Cost Elements											
Planning, Design & Supervision	93,269	27,058	15,940	47,965	17,780	12,461	7,261	4,256	3,257	2,950	2,306
Land											
Site Improvements & Utilities											
Construction	298,519	14,759	48,648	234,873	54,871	46,760	38,402	45,836	39,946	9,058	239
Other	3,499		646	2,828	726	592	457	501	432	120	25
Total	395,287	41,817	65,234	285,666	73,377	59,813	46,120	50,593	43,635	12,128	2,570

C. Funding Schedule (000's)

	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
WSSC Bonds	191,526	8,579	18,940	161,615	26,784	23,428	20,627	42,249	37,827	10,700	2,392
State Aid	192,638	32,740	45,194	114,664	45,037	35,023	24,295	5,890	3,612	807	40
City of Rockville	11,123	498	1,100	9,387	1,556	1,362	1,198	2,454	2,196	621	138

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 Strategy process. Sub-projects include: Nitrogen Removal Facilities, Centrate Treatment, Enhanced Clarification Facility, and Blue Plains Tunnel and Dewatering Pumping Station.

Service Area Bi-County Area

Capacity 370 MGD

JUSTIFICATION

Plans & Studies

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 2011 - FY 2020 Capital Improvement Program (January 5, 2012).

Specific Data

The funding schedule reflects the final cost sharing agreement with the Maryland Department of the Environment.

Cost Change

The cost decrease is primarily due to revised lower estimates for the new Nitrogen Removal Facilities and the Blue Plains Tunnel projects.

STATUS Under Construction (WSSC Contract Nos. CB4168L05 , CB4168Q05).

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.

COORDINATION

Maryland Department of the Environment, U.S. Environmental Protection Agency, Region III and District of Columbia Water & Sewer Authority (responsible for design and construction).

NOTE This project supports 100% Environmental Regulation.

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 08
Date First Approved	FY 07
Initial Cost Estimate	648
Cost Estimate Last FY	405,761
Present Cost Estimate	395,287
Approved Request, Last FY	61,080
Total Expenditures & Encumbrances	41,817
Approval Request FY 13	73,377
Supplemental Approval Request Current FY (12)	

G. Status Information

Land Status: Not Applicable
 % Project Completion: C-8%
 Est. Completion Date: FY 2019

H. Map Map Reference Code:

MAP NOT AVAILABLE

A. Identification and Coding Information

1. Project Number: 113804 Agency Number: S-22.11 Update Code: Change

2. Date: October 1, 2011 Revised: May 10, 2012

3. Project Name: Blue Plains: Pipelines & Appurtenances

4. Program: Sanitation 5. Agency: WSSC 6. Planning Area: Bi-County

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

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	31,078	4,869	4,079	17,260	3,813	3,254	2,656	2,469	2,571	2,497	4,870
Land											
Site Improvements & Utilities											
Construction	80,360	15,417	6,219	54,122	8,917	11,472	14,980	11,136	6,026	1,591	4,602
Other	911		103	713	127	147	176	136	86	41	95
Total	112,349	20,286	10,401	72,095	12,857	14,873	17,812	13,741	8,683	4,129	9,567

C. Funding Schedule (000's)

WSSC Bonds	106,181	19,172	9,830	68,137	12,151	14,057	16,834	12,987	8,206	3,902	9,042
City of Rockville	6,168	1,114	571	3,958	706	816	978	754	477	227	525

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: Potomac Interceptor Rehabilitation; Upper Potomac Interceptor; Potomac Sewage Pumping Station Rehabilitation; Influent Sewers Rehabilitation; and the new projects associated with the Combined Sewer Overflow (CSO) Long Term Control Plan (e.g. Anacostia Tunnel).

Service Area Bi-County Area **Capacity** Various

JUSTIFICATION

Plans & Studies
The Blue Plains Intermunicipal Agreement of 1985; the WASA Master Plan (1998); and the DCWASA Approved FY 2011 - FY 2020 Capital Improvement Program (January 5, 2012).

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

Cost Change
Cost increase is due to the increased attention to DC sewers, including new projects to rehabilitate interceptor sewers that carry WSSC wastewater through DC to the Blue Plains WWTP, especially: Upper Rock Creek Interceptor, Anacostia Force Main, and Oxon Run Sewer.

STATUS 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.

COORDINATION
City of Rockville (responsible for a share of funding) and District of Columbia Water & Sewer Authority (responsible for design and construction).

NOTE This project supports 45% System Improvement and 55% Environmental Regulation.

E. Annual Operating Budget Impact (000's) FY of Impact

Program Costs	Staff .....	.....
	Other .....	.....
Facility Costs	Maintenance .....	.....
	Debt Service	9351
Total Costs		9351
Impact on Water or Sewer Rate		20¢

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 11
Date First Approved	FY 02
Initial Cost Estimate	102,833
Cost Estimate Last FY	95,868
Present Cost Estimate	112,349
Approved Request, Last FY	10,139
Total Expenditures & Encumbrances	20,286
Approval Request FY 13	12,857
Supplemental Approval Request Current FY (12)	

G. Status Information

Land Status: Not Applicable
% Project Completion: On-Going
Est. Completion Date: On-Going

H. Map Map Reference Code:

MAP NOT AVAILABLE

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
063804	W-172.07	Change

2. Date: October 1, 2011

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

Revised: May 10, 2012

3. Project Name: Patuxent Raw Water Pipeline

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	3,676	2,503	313	860	208	92	160	234	166		
Land											
Site Improvements & Utilities											
Construction	16,694	3,872	1,768	11,054	2,507	779	2,328	3,110	2,330		
Other	1,400		208	1,192	272	87	249	334	250		
Total	21,770	6,375	2,289	13,106	2,987	958	2,737	3,678	2,746		

C. Funding Schedule (000's)

WSSC Bonds	21,770	6,375	2,289	13,106	2,987	958	2,737	3,678	2,746		
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D. Description & Justification

DESCRIPTION

This project provides for community outreach, planning, design and construction of a new 48-inch diameter or larger raw water pipeline from the Rocky Gorge Raw Water Pumping Station to the Patuxent Water Filtration Plant, cleaning of the existing water lines and replacement of valves.

JUSTIFICATION

Plans & Studies

Patuxent WFP Facility Plan (April 1997); In-House Study (April 2002).

Specific Data

The existing raw water supply facilities are hydraulically limited to 72 MGD with all pumps running at the Rocky Gorge Pumping Station. In order to convey more than 72 MGD of raw water, a new raw water pipeline is required. A fourth raw water pipeline from Rocky Gorge Pumping Station to the Patuxent Plant and modification/expansion of the Rocky Gorge Pumping Station will provide a firm raw water pumping transmission capacity of 110 MGD. These improvements, in conjunction with expansion of the Patuxent Water Filtration Plant, will give the Plant a firm nominal capacity of 72 MGD, with an emergency capacity of 110 MGD.

Cost Change

Costs were increased for inflation.

STATUS Preliminary Design (WSSC Contract Nos. BF1582E91 , BF1582C91).

OTHER

The project scope has remained the same. The Rocky Gorge Valve Replacement is 100% complete. The cleaning of existing raw water pipelines is expected to enter construction in Spring 2012. The new raw water pipeline is currently in design. Expenditure estimates for the new raw water pipeline are planning level estimates only and may change based upon design constraints and any permitting issues for the chosen alignment. As with any construction project, areas disturbed by construction will be restored. This restoration includes paving of impacted roads in accordance with Prince George's County Policy and Specifications for Utility installation and maintenance Manual (Section 4.7.2). Construction of the raw water pipeline will not proceed until both County Councils have approved the alignment. Land costs are included in WSSC Project W-202.00.

COORDINATION

Montgomery County Government, Prince George's County Government, Maryland-National Capital Park & Planning Commission, Maryland Department of the Environment, Interstate Commission on the Potomac River Basin, Local Community Civic Associations (West Laurel Civic Association), Baltimore Gas & Electric and WSSC Projects W-172.05, Patuxent WFP Phase II Expansion and W-172.08, Rocky Gorge Pump Station Upgrade.

NOTE This project supports 100% System Improvement.

E. Annual Operating Budget Impact (000's)

FY of Impact

Program Costs	Staff .....	.....	.....
	Other .....	.....	.....
Facility Costs	Maintenance	128	18
	Debt Service	1397	18
Total Costs.....		1525	16
Impact on Water or Sewer Rate.....		3¢	18

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 06
Date First Approved	FY 03
Initial Cost Estimate	18,750
Cost Estimate Last FY	21,589
Present Cost Estimate	21,770
Approved Request, Last FY	4,854
Total Expenditures & Encumbrances	6,375
Approval Request FY 13	2,987
Supplemental Approval Request Current FY (12)	

G. Status Information

Land Status: Land & R/W to be acquired
 % Project Completion: D-0%
 Est. Completion Date: See Block D "Other"

H. Map Map Reference Code:

MAP NOT AVAILABLE

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
123801	S-25.04	Change

2. Date: May 10, 2012

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

Revised:

3. Project Name: Mid-Pike Plaza Sewer Main, Phase 1

5. Agency: **WSSC**

4. Program: **Sanitation** 6. Planning Area: North Bethesda P.A. 30

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	216		162	54	54						
Land											
Site Improvements & Utilities											
Construction	1,078		539	539	539						
Other	194		105	89	89						
Total	1,488		806	682	682						

C. Funding Schedule (000's)

Contribution/Other	1,488		806	682	682						
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D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 1,900 feet of 21-inch diameter replacement sewer main to provide service to Mid-Pike Plaza, Phase 1.

Service Area Cabin John Drainage Basin Capacity 3.47 mgd Population 2,007

JUSTIFICATION

Plans & Studies

Mid-Pike Plaza Hydraulic Planning Analysis, (June 2011).

Cost Change

Not applicable.

STATUS Planning (WSSC Contract No. DA5238Z11,).

OTHER

The project scope has remained the same. The expenditures and schedule projections shown in Block B are planning level estimates and may change depending upon site-specific conditions and design constraints. This project was added by amendment to the FY 2012 CIP. Estimated completion date is developer dependent. No WSSC rate supported debt will be used for this project.

COORDINATION

Montgomery County Government, Montgomery County Department of Environmental Protection and Local Community Civic Associations.

NOTE This project supports 100% Growth.

E. Annual Operating Budget Impact (000's)

FY of Impact

Program Costs	Staff .....	.....
	Other .....	.....
Facility Costs	Maintenance	33	14
	Debt Service .....	.....
Total Costs.....		33	14
Impact on Water or Sewer Rate.....		.....

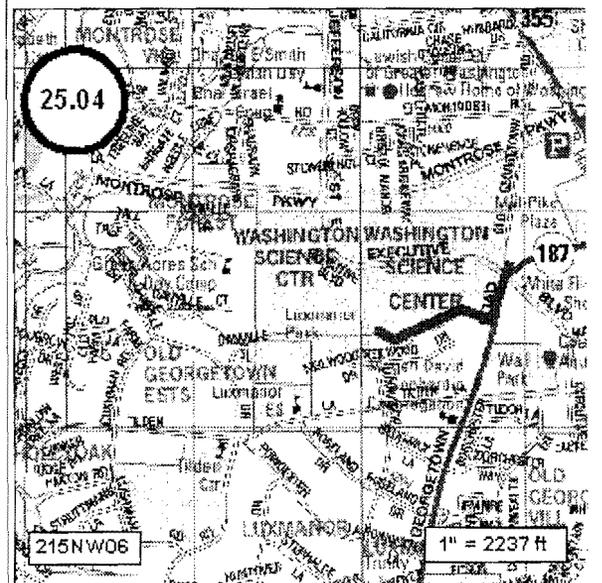
F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 12
Date First Approved	FY 12
Initial Cost Estimate	1,488
Cost Estimate Last FY	1,488
Present Cost Estimate	1,488
Approved Request, Last FY	806
Total Expenditures & Encumbrances	
Approval Request FY 13	682
Supplemental Approval Request Current FY (12)	

G. Status Information

Land Status: Right-of-Way may be required
 % Project Completion: P-100%
 Est. Completion Date: Developer Dependent

H. Map Map Reference Code:



**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>
053800	Montgomery	Casey West Property Sewer Main
023806	Montgomery	Clarksburg Triangle Outfall Sewer, Part 1
093805	Bi-County	Wastewater Pumping Station Capacity Evaluation