



THE PRINCE GEORGE'S COUNTY GOVERNMENT

(301) 952-3700

County Council

MAY 09 2017

The Honorable Roger Berliner, President
Montgomery County Council
100 Maryland Avenue, 6th Floor
Rockville, MD 20850

Dear President Berliner:

The Prince George's County Council has reviewed the FY'18 Operating and Capital budgets of the Washington Suburban Sanitary Commission (WSSC), the Maryland-National Capital Park and Planning Commission (M-NCPPC), and the Washington Suburban Transit Commission (WSTC). The Council's recommendations on each of these budgets are provided for your information.

WASHINGTON SUBURBAN SANITARY COMMISSION

WSSC Operating Budget:

We are proposing an amendment to the WSSC operating budget. Listed below is a summary of recommended actions taken by the Council:

- Increase water and sewer rates by 3.5% for FY 18;
- Approve the Commission's water production proposal of 164 million gallons per day in FY'18.
- Approve the Commission's proposed level of authorized work-years at 1,776.
- Reduce revenue impact for the Customer Assistance Program in the amount of \$456,000, based on latest projections. Savings will revert to fund balance.
- Decrease debt service by \$386,000 to accommodate revised DC Water costs for Blue Plains. Savings will revert to fund balance.
- Approve the Operating Budget of \$740.8 million.

WSSC Capital Budget:

The Council recommends WSSC's six-year Capital Improvements Program totaling \$1.8 billion, with FY'18 Budget Year total of \$488.4 million, a \$9.6 million decrease from WSSC's FY'17 Approved Capital Budget. Specifically, the Council endorses the following recommendations to the WSSC FY 2018-2023 Capital Improvement Program:

A. System Development Charge

- The Council concurs with WSSC's recommendations to maintain the SDC combined rate at \$203 per fixture. The Council also approved the Commission's proposal to increase to \$295 per fixture the maximum allowable ceiling for the SDC based on the Consumer Price Index (1.2%) for the preceding 12 months to preserve the option of maximizing the fee's yield in future years.
- **SDC Exemptions:** During the 2017 session, the General Assembly enacted House Bill 335, System Development Charge – Exemptions. This bill reinstated a former SDC exemption for properties primarily serving youth and added new exemptions for properties providing child care or after-school care and properties primarily used for programs and services for developmentally disabled individuals.
- **Expanded Definition for Revitalization:** We also recommend a revision to the current SDC exemption definition for revitalization projects in Prince George's and Montgomery Counties that would provide exemptions for properties located in Prince Georges and Montgomery Counties used for the production of alcoholic beverages.

B. Capital Program Categories (in thousands)

Total WSSC CIP	\$488,394
Total Information Only	\$234,415

C. All Other Projects

- The Council concurs with all projects as proposed in WSSC FY 2018-2023 Capital Improvements Program.

MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

We recommend approval of the FY2018 compensation adjustments in the Commission's tentative agreements with Fraternal Order of Police Lodge #30 and MCGEO. For non-represented employees, we recommend approval of compensation adjustments that take into account the adjustments for similar employees of both counties, involve some combination of merit increase, general wage adjustment (COLA), and/or lump sum payment and do not exceed the amount proposed in the Commission's FY2018 budget (\$1.97 million for Montgomery County and \$2.6 million for Prince George's County).

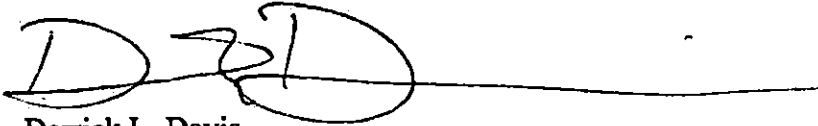
We also recommend approval of the proposed funding for CAS as revised by the reduced reclassification compensation marker, as well as the reductions proposed to meet Montgomery County's fiscal needs.

WASHINGTON SUBURBAN TRANSIT COMMISSION

The Council recommends the amount of \$120,126 will be appropriated for the Prince George's County portion of the Fiscal Year 2018 Washington Suburban Transit Commission budget.

Thank you for your consideration of the Prince George's County Council's recommendations. We look forward to our discussions and meetings at the Bi-County meeting on May 11th, 2017. Please feel free to contact me at 301-952- 3426

Sincerely,

A handwritten signature in black ink, appearing to read "D L Davis", written over a horizontal line.

Derrick L. Davis
Chairperson

Blue Plains WWTP: Liquid Train Projects, Part 2

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-22.06	954811	Change

PDF Date	October 1, 2016
Date Revised	May 11, 2017

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

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'16	Estimate FY'17:	Total 6 Years	Year 1 FY'16	Year 2 FY'19	Year 3 FY'20	Year 4 FY'21	Year 5 FY'22	Year 6 FY'23	Beyond 6 Years
Planning, Design & Supervision	32,468		2,739	17,210	2,819	2,926	3,020	2,348	2,639	3,458	12,517
Land											
Site Improvements & Utilities											
Construction	138,848		5,861	97,187	10,205	24,813	20,079	10,279	14,996	16,815	35,800
Other	1,712		86	1,143	130	277	231	126	176	203	483
Total	173,028		6,686	115,540	13,164	28,016	23,330	12,783	17,811	20,476	48,800

C. Funding Schedule (000's)

	Total	WSSC	City of Rockville
WSSC Bonds	163,627	8,209	109,197
City of Rockville	9,499	477	6,343

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, Filtration/Disinfection Facilities Phases I&II, and Grit Chamber Buildings 1&2.

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 (1999); and the DCWASA Approved FY 2017 Capital Improvements Program.

COST CHANGE
 Cost increase is primarily due to the addition of new projects for High Strength Waste Receiving Facility, Wastewater Asset Management Support, Process Control Upgrade, 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 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. Life to date expenditures for this program are approximately \$360 million.

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	\$10,638
Total Cost	\$10,638
Impact on Water and Sewer Rate	\$0.24

F. Approval and Expenditure Data (000's)

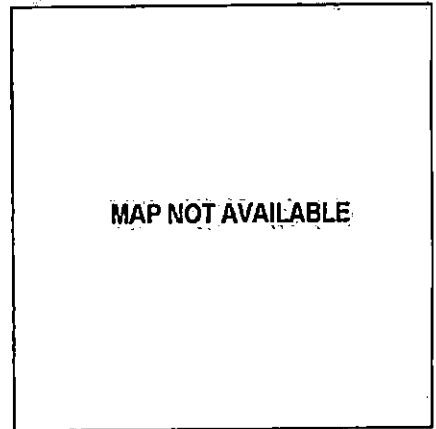
Date First in Program	FY 95
Date First Approved	FY 95
Initial Cost Estimate	69,745
Cost Estimate Last FY	359,105
Present Cost Estimate	173,028
Approved Request Last FY	12,078
Total Expense & Encumbrances	
Approval Request Year 1	13,154

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



Blue Plains WWTP: Biosolids Management, Part 2

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S-22.07	954812	Change

PDF Date	October 1, 2016
Date Revised	May 11, 2017

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

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'16	Estimate FY'17	Total 6 Years	Year 1 FY'18	Year 2 FY'19	Year 3 FY'20	Year 4 FY'21	Year 5 FY'22	Year 6 FY'23	Beyond 6 Years
Planning, Design & Supervision	7,135		971	6,652	554	975	1,297	1,597	1,065	194	512
Land											
Site Improvements & Utilities											
Construction	28,609		3,103	25,278	1,978	7,044	7,077	5,866	2,745	568	228
Other	367		41	309	25	80	84	74	38	8	7
Total	36,111		4,115	31,239	2,557	8,099	8,458	7,507	3,848	770	747

C. Funding Schedule (000's)

	Total	WSSC Bonds	City of Rockville
WSSC Bonds	34,120	3,889	29,625
City of Rockville	1,991	226	1,714

D. Description & Justification

<p>DESCRIPTION</p> <p>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.</p> <p>JUSTIFICATION</p> <p>This project is needed to implement a set of facilities which will provide a permanent biosolids management program for Blue Plains. The Blue Plains Intermunicipal 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.</p> <p>COST CHANGE</p> <p>Not applicable.</p> <p>OTHER</p> <p>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. Life to date expenditures for this program are approximately \$400 million.</p> <p>COORDINATION</p> <p>Coordinating Agencies: City of Rockville; (responsible for a share of funding); District of Columbia Water and Sewer Authority; (responsible for design and construction)</p> <p>Coordinating Projects: Not Applicable</p>

E. Annual Operating Budget Impact (000's)

	FY of Impact
Staff	
Maintenance	
Other Project Costs	
Debt Service	\$2,220
Total Cost	\$2,220
Impact on Water and Sewer Rate	\$0.05

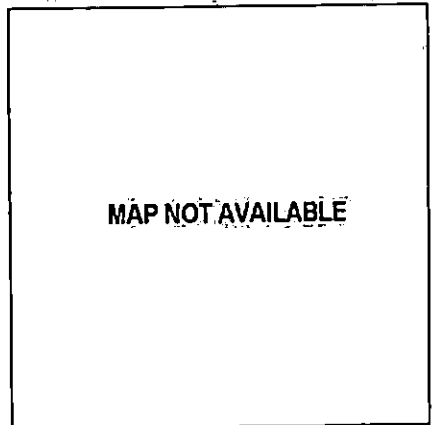
F. Approval and Expenditure Data (000's)

Date First in Program	FY 95
Date First Approved	FY 95
Initial Cost Estimate	77,298
Cost Estimate Last FY	448,827
Present Cost Estimate	36,101
Approved Request Last FY	4,010
Total Expense & Encumbrances	
Approval Request Year 1	2,557

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



Blue Plains WWTP: Plant-wide Projects

A. Identification and Coding Information

Agency Number	Project Number	Update Code
S-22.09	023805	Change

PDF Date	October 1, 2016
Date Revised	May 11, 2017

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

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY16	Estimate FY17	Total 6 Years	Year 1 FY18	Year 2 FY19	Year 3 FY20	Year 4 FY21	Year 5 FY22	Year 6 FY23	Beyond 6 Years
Planning, Design & Supervision	21,499		1,960	16,600	2,743	1,436	4,635	3,256	2,544	1,966	2,939
Land											
Site Improvements & Utilities											
Construction	76,963		3,544	56,602	4,208	7,807	12,070	8,557	11,297	12,863	15,817
Other	974		55	731	70	90	167	118	138	148	188
Total	99,436		5,559	73,933	7,021	9,133	16,872	11,931	13,979	14,997	18,944

C. Funding Schedule (000's)

WSSC Bonds	93,034	5,254	69,876	6,636	8,632	15,946	11,276	13,212	14,174	17,904
City of Rockville	6,402	305	4,057	385	501	926	655	767	823	1,040

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: Plant-wide Fine Bubble Aeration, Plant-wide Painting of Steel Pipes, Process Computer Control System, and Miscellaneous Projects.

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: Blue Plains IT Backbone, Wastewater Asset Management Technical Support, and Plant-wide Paving.

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. Life to date expenditures for this program are approximately \$200 million.

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)

	FY of Impact
Staff	
Maintenance	
Other Project Costs	
Debt Service	\$6,052
Total Cost	\$6,052
Impact on Water and Sewer Rate	\$0.14

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	303,487
Present Cost Estimate	98,436
Approved Request Last FY	8,242
Total Expense & Encumbrances	
Approval Request Year 1	7,021

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: Enhanced Nutrient Removal

Identification and Coding Information		
Agency Number	Project Number	Update Code
S-22.10	083800	Change

PDF Date	October 1, 2016
Date Revised	May 11, 2017

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

Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'16	Estimate FY'17	Total 6 Years	Year 1 FY'18	Year 2 FY'19	Year 3 FY'20	Year 4 FY'21	Year 5 FY'22	Year 6 FY'23	Beyond 6 Years
Planning, Design & Supervision and	103,423	78,215	10,033	14,181	8,462	2,622	1,998	494	0	605	994
Site Improvements & Utilities Construction	277,487	214,938	37,128	20,342	19,874	276	111	18	3	60	5,083
Other	878		472	345	283	29	21	5	0	7	61
Total	381,788	293,161	47,633	34,868	28,619	2,927	2,130	517	3	672	6,138

Funding Schedule (000's)

	Total	FY'16	FY'17	FY'18	FY'19	FY'20	FY'21	FY'22	FY'23	Beyond
WSSC Bonds	164,078	94,513	34,871	29,093	23,475	2,555	1,938	487	3	635
State Aid	210,083	193,148	12,850	4,085	3,780	224	79	2	0	0
City of Rockville	7,827	5,490	110	1,680	1,364	148	113	28	0	37

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 Water's 2010 NPDES permit. Major projects include: Enhanced Nitrogen Removal North; Enhanced Clarification Facilities; Enhanced Nitrogen Removal Facilities; Biosolids Filtrate Treatment Facilities; Combined Heat & Power as Back-up Power; Biosolids Blending Development Center; ENR Program Management; and Wet Weather Mitigation, Diversion at Bolling 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
 Minor cost savings due to accelerated construction schedule.

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)

	FY of Impact
Staff	
Maintenance	
Other Project Costs	
Debt Service	\$10,673
Total Cost:	\$10,673
Impact on Water and Sewer Rate	\$.24

F. Approval and Expenditure Data (000's)

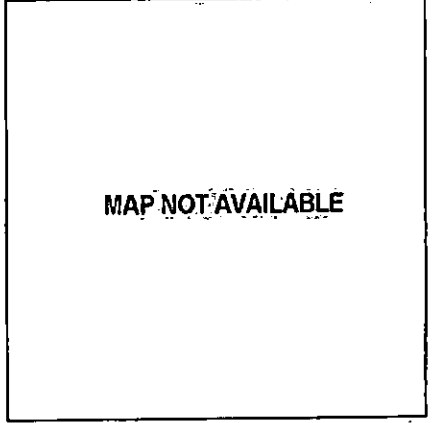
Date First in Program	FY 08
Date First Approved	FY 07
Initial Cost Estimate	648
Cost Estimate Last FY	388,918
Present Cost Estimate	381,789
Approved Request Last FY	47,437
Total Expense & Encumbrances	283,151
Approval Request Year 1	28,619

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	80%
Est Completion Date	FY 2024

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

H. Map



Blue Plains: Pipelines & Appurtenances

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

PDF Date	October 1, 2016
Date Revised	May 11, 2017

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

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY16	Estimate FY17	Total 6 Years	Year 1 FY16	Year 2 FY19	Year 3 FY20	Year 4 FY21	Year 5 FY22	Year 6 FY23	Beyond 6 Years
Planning, Design & Supervision	19,200		4,395	12,153	2,536	1,678	1,659	2,641	2,284	1,355	2,652
Land											
Site Improvements & Utilities											
Construction	76,744		17,372	48,689	10,262	10,577	11,969	5,817	3,649	6,415	12,683
Other	980		218	609	128	123	139	65	59	78	153
Total	96,924		21,985	61,451	12,926	12,378	13,764	8,543	6,992	7,848	15,488

C. Funding Schedule (000's)

	Total	WSSC Bonds	City of Rockville
WSSC Bonds	93,416	21,039	59,142
City of Rockville	5,508	946	2,309

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 (Clean Rivers Program) (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
 With the major upgrade projects at Blue Plains underway, attention is increasingly being paid to the sewer system leading to the WWTP.

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. Life to date expenditures for this program are approximately \$100 million.

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)

	FY of Impact
Staff	
Maintenance	
Other Project Costs	
Debt Service	\$6,077
Total Cost	\$6,077
Impact on Water and Sewer Rate	\$0.14

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	178,502
Present Cost Estimate	98,924
Approved Request Last FY	17,094
Total Expense & Encumbrances	
Approval Request Year 1	12,926

G. Status Information

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

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

H. Map

