

**A. Identification and Coding Information**

1. Project Number	Agency Number	Update Code
083802	S-53.22	Change

3. Project Name: Seneca WWTP Expansion, Part 2

4. Program: **Sanitation** 6. Planning Area: Lower Seneca P.A. 18

2. Date: October 1, 2013

Revised:

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

5.Agency: **WSSC****E. Annual Operating Budget Impact (000's)**

FY of Impact

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

**B. Expenditure Schedule (000's)**

	(8) Total	(9) Thru FY '13	(10) Estimate FY '14	(11) Total 6 Years	(12) Year 1 FY '15	(13) Year 2 FY '16	(14) Year 3 FY '17	(15) Year 4 FY '18	(16) Year 5 FY '19	(17) Year 6 FY '20	(18) Beyond 6 Years
Cost Elements											
Planning, Design & Supervision	<b>7,055</b>	5,505	1,104	<b>446</b>	446						
Land											
Site Improvements & Utilities											
Construction	<b>20,660</b>	13,753	5,640	<b>1,267</b>	1,267						
Other	<b>1,269</b>		1,012	<b>257</b>	257						
<b>Total</b>	<b>28,984</b>	<b>19,258</b>	<b>7,756</b>	<b>1,970</b>	<b>1,970</b>						

**C. Funding Schedule (000's)**

SDC	<b>28,984</b>	19,258	7,756	<b>1,970</b>	1,970						
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**D. Description & Justification****DESCRIPTION**

This project provides for the planning, design, and construction of improvements at the Seneca WWTP necessary to meet the projected growth in this service area while adhering to the requirements of the Maryland Department of the Environment (MDE) Enhanced Nutrient Removal (ENR) Program at 26 MGD (an increase from 20 MGD). The project will provide an additional aeration basin, an additional 150-foot clarifier, expansion of the filter gallery to include 4 new sand filters designed for phosphorous removal down to the permit goal of 0.18 mg/l at the maximum month flow of 33 MGD (design flow is 26 MGD), and biosolids handling system improvements. The biosolids handling improvements consist of an additional centrifuge and biosolids conveyance modifications which will provide system redundancy. The electrical distribution system will also be evaluated.

**Service Area** Seneca Creek Drainage Basin**JUSTIFICATION****Plans & Studies**

ENR Alternatives for the Seneca Wastewater Treatment Plant, Gannett Fleming (June 2005); Maryland Department of the Environment, Feasibility Study Approval Letter (July 27, 2005); WSSC Preliminary Engineering Report (September 2008); Design Criteria Report (November 2008).

**Specific Data**

The planned improvements at the Seneca WWTP will adhere to the requirements of MDE's ENR Program at 26 MGD in accordance with the reduction goals under the Chesapeake Bay 2000 Agreement. The design provides for phosphorous removal down to the permit goal of 0.18 mg/l at the maximum month flow of 33 MGD (design flow is 26 MGD).

**Cost Change**

Not Applicable

**STATUS** Under Construction (WSSC Contract No. CD4260B05, ).**OTHER**

The project scope has remained the same. The expenditures and schedule projections shown in Block B are based upon actual bid.

**COORDINATION**

Montgomery County Government, Montgomery County Department of Environmental Protection, Maryland Department of the Environment and WSSC Project S-53.21, Seneca WWTP Enhanced Nutrient Removal.

**NOTE** This project supports 100% Growth.**F. Approval and Expenditure Data (000's)**

Date First in Capital Program	FY 08
Date First Approved	FY 07
Initial Cost Estimate	16,478
Cost Estimate Last FY	29,502
Present Cost Estimate	28,984
Approved Request, Last FY	6,965
Total Expenditures & Encumbrances	19,258
Approval Request FY 15	1,970
Supplemental Approval Request Current FY (14)	

**G. Status Information**

Land Status:	Public/Agency owned land
% Project Completion:	C-50%
Est. Completion Date:	January 2015

**H. Map Map Reference Code:****MAP NOT AVAILABLE**