A. Identification and Coding Information	2. D	ate: Octob	per 1, 2013	7	7. Pre PDF	Pg.No.:	8. Req.	Adeq. Pub. Fac.	E. Annual Operating Budget Impact (000's)	FY of Impact
1. Project Number Agency Number Update	Code	ood							Program Costs Staff	
073801 S-94.12 Change	Rev	sea.							Other Facility Costs Maintenance	
3. Project Name: Damascus WWTP Enhanced	d Nutrient Remov	al		5	5.Agency:	WS	SSC		Debt Service	15
4. Program: Sanitation 6. Planning	g Area: Dam	ascus & Vi	cinity P.A.	1					Impact on Water or Sewer Rate	15 
В.	Expendi	ure Sched	ule (000's)						F. Approval and Expenditure Data (000's)	
(8)	(9) (10) Thru Estimate	(11) Total	(12) Year 1	(13) Year 2	(14) Year 3	(15) Year 4	(16) Year 5	(17) (18) Year 6 Beyond	Date First in Capital Program	FY 07
Cost Elements Total Planning Design & Supervision 3 056	FY '13 FY '14 2 806 24'	6 Years	FY '15 9	FY '16	FY '17	FY '18	FY '19	FY '20 6 Years	Date First Approved	FY 07
Land	2,000 24	<b>J</b>							Initial Cost Estimate	1,560
Site Improvements & Utilities									Cost Estimate Last FY	7,707
Construction 4,437	4,400 35	5 2	2						Present Cost Estimate	7,536
Other 43	41	2	2						Approved Request, Last FY	23
Total 7,536	7,206 317	7 13	13						Total Expenditures & Encumbrances	7,206
C.	Fundir	g Schedul	e (000's)						Approval Request FY 15	13
WSSC Bonds 2,301	1,971 317	7 13	13						Supplemental Approval Request	
State Aid 5,235	5,235								Current FY (14)	
This project provides for the planning, designed provides for the planning, designed requirements of the Maryland Department is convert the existing basin configuration to feasible divided into four process trains whice process trains into four trains also allows the will be designed for methanol and several of Final Clarifier Distribution Box, Supplement facilities, instrumentation, and associated sections and associated sections. The CATE Plans & Studies ENR Alternatives for Damascus WWTP, Generation ENR Strategy builds on the success of Bay Restoration Fund Enhanced Nutri Chesapeake Bay Agreement. Reductions The ENR strategy builds on the success of Bay Restoration Fund to upgrade the 66 m technologies. Once upgraded, these plants nitrogen and 0.3 mg/l total phosphorus, act Agreement. Other pollutants will continue to Cost Change Not Applicable STATUS Under Construction (WSSC Contract OTHER	gn, and construct of the Environme Bardenpho proce h will provide tanl he treatment capa other biodiesel by tal Carbon Feed I site work. asin cannett Fleming ( Department of the ent Removal (EN of nutrient polluta i the Biological Ne ajor wastewater t s are expected to hieving approxima to be reduced by	ion of impro- nt (MDE) Er ss and prov (age/process acity to more products. <i>A</i> Facilities, St Environme R) Program ints from all utrient Remo- reatment pla reduce nitri ately one-thi more than S	Maryland I Maryland I Maryland I sources in oval (BNR) ants which ogen and p ird of the n 90%.	t the Da ittrient R ol feed i ncy for p atch the nproven l Carbo Departm y Detern is to me cluding Prograr discharg hosphol eeded re	amascus V Removal (E capability, periodic m e current in ments will on Feed B ment of the mination L eet the col sewage th m already ge to the ( rus in the eduction u	WWTP ne ENR) Prog . The exist antenand filuent flo include m uilding, de e Environr Letter (De mmitment reatment p in place. Chesapea wastewat inder the	cessary f gram. Th sting two ise. Splitti ws. The codification amolition international cember 2 is under f clants are The MD ike Bay w er down f Chesape	to meet the ne project will process trains ing the existing carbon source ons to reactors, of existing asibility Study 22, 2008). the 2000 e necessary. E is using the vith ENR to 3 mg/l total ake Bay 2000	Land Status:       No land or R/W requirements         % Project Completion:       C-99%         Est. Completion Date:       February 2015         H. Map       Map Reference Code:         MAP NOT AVAILABLE	red

D. DESCRIPTIC	IN & JUSTIFICATION	N (CONT.)
Agency Numbe	r: S - 94.12	Project Name: Damascus WWTP Enhanced Nutrient Removal
COORDINATIO	N	
Montgomery Environmen	y County Government	t, Montgomery County Department of Environmental Protection and Maryland Department of the
NOTE This p	project supports 100%	6 Environmental Regulation.