



Wastewater Treatment Plants

40632

Reporting Period: MARCH 2011

		Est. Lbs/Year Nitrogen	Est. Lbs/Year Nitrogen	Upgrade Includes							
	Tributary	Reduction from 2008 load to projected 2011 load (2011 flow & TN of 3 mg/l	Design Flow Reduction*	BNR	Start Date Planning	Start Date Design	Start Date Construction	Target Date Construction Complete	Actual Date Construction Complete	Remark	
APG-Aberdeen	UPPER WESTERN SHORE	-	127,000	Yes	Complete	Complete	Complete	Complete	3/14/2006	Completed by the US Army. Bids due 2/2/11 for separate work on design of headworks & flow equalization.	
Hurlock	LOWER EASTERN SHORE	-	75,000	Yes	Complete	Complete	Complete	Complete	5/15/2006	Construction was completed as scheduled	
Celanese	UPPER POTOMAC	-	91,000	Yes	Complete	Complete	Complete	Complete	11/2/2006	Completed with no significant delays	
Swan Point	LOWER POTOMAC	-	27,000	Yes	Complete	Complete	Complete	Complete	5/3/2007	Completed by a private developer	
Easton	CHOPTANK	-	60,000	Yes	Complete	Complete	Complete	Complete	6/30/2007	ENR is in operation - Contract for additional solids process is under construction.	
Kent Island	UPPER EASTERN SHORE	-	137,000	Yes	Complete	Complete	Complete	Complete	8/20/2007	Construction was completed as scheduled	
Mattawoman	LOWER POTOMAC	-	304,000	No	Complete	Complete	Complete	Complete	11/8/2007	ENR upgrade was completed at 15 MGD - plant performance indicates it can achieve ENR at 20MGD.	
Chestertown	UPPER EASTERN SHORE	55,535	68,000	Yes	Complete	Complete	Complete	Complete	6/17/2008	Final inspection was done-operational optimization is underway	
Brunswick	UPPER POTOMAC	20,274	63,000	Yes	Complete	Complete	Complete	Complete	9/15/2008	Completed	
St. Michaels	UPPER EASTERN SHORE	9,717	30,000	Yes	Complete	Complete	Complete	Complete	10/22/2008	Construction is completed and ENR optimization is underway.	
Indian Head	LOWER POTOMAC	17,574	22,000	Yes	Complete	Complete	Complete	Complete	12/30/2008	Construction is complete and ENR is in operation	
Elkton	UPPER EASTERN SHORE	112,097	139,000	Yes	Complete	Complete	Complete	Complete	12/31/2009	ENR is in operation.	
Harve De Grace	UPPER WESTERN SHORE	16,269	34,000	Yes	Complete	Complete	Complete	Complete	3/15/2010	Plant is ENR operational. Construction is substantially complete.	
Poolesville	MIDDLE POTOMAC	3,774	9,000	No	Complete	Complete	Complete	Complete	7/3/2010	Construction completed. Final inspection conducted 8/4/10 Project Closeout 10/18/2010	
Federalburg	LOWER EASTERN SHORE	14,643	34,000	Yes	Complete	Complete	Complete	Complete	8/4/2010	Construction is complete. ENR process is being optimized.	
Crisfield	LOWER EASTERN SHORE	20,417	45,000	Yes	Complete	Complete	Complete	Complete	8/25/2010	ENR is in operation. Under project performance evaluation until June 2011	
Boonsboro (Minor)	UPPER POTOMAC	17,009	22,000	Yes	Complete	Complete	Complete	Complete	10/2/2010	Minor (< 0.5 MGD) was not on the original list	
Georges Creek	UPPER POTOMAC	13,813	27,000	Yes	Complete	Complete	Complete	Complete	11/16/2010	Plant is ENR operational. Substantial completion inspection conducted 11/16/10.	
Mt. Airy	PATAPSCO/BACK	6,237	18,000	No	Complete	Complete	Complete	Complete	11/6/2010	Project is substantially complete& walkthrough conducted on 11/16/10. The facility is ENR operational.	
Perryville	UPPER EASTERN SHORE	10,386	25,000	Yes	Complete	Complete	Complete	Complete	12/30/2010	ENR is in operation.	
Hagerstown	UPPER POTOMAC	108,039	121,000	No	Complete	Complete	Complete	Complete	12/30/2010	Plant is ENR operational. Final inspection to be conducted on 3/5/2011.	
Cumberland	UPPER POTOMAC	193,888	228,000	No	Complete	Complete	Complete	Complete	2/4/2011	Plant is ENR operational. Construction is substantially complete	
Bowie	PATUXENT	26,947	50,000	No	Complete	Complete	Complete	Complete	2/28/2011	Plant is ENR operational. Plant is undergoing performance testing.	
	GDU TO DATE	646,620									
Salisbury	LOWER EASTERN SHORE	534,042	388,000	Yes	Complete	Complete	Complete	12/31/10		Plant is not achieving ENR - Corrective action being evaluated.	
Pocomoke City	LOWER EASTERN SHORE	10,012	67,000	No	Complete	Complete	12/30/2009	03/01/11		Project has stimulus grant. Part-B approved. Project is under construction.	
Denton	CHOPTANK	13,430	12,000	No	Complete	Complete	6/28/2010	06/27/11		Project is under construction. Construction started June 28, 2010.	
Delmar	LOWER EASTERN SHORE	15,600	38,000	Yes	Complete	Complete	6/15/2009	06/30/11		Project is under construction. Delay due to equipment delivery.	
Thurmont	UPPER POTOMAC	2,588	15,000	No	Complete	Complete	9/8/2010	02/29/12		Project is under construction.	
Piscataway	MIDDLE POTOMAC	95,978	456,000	No	Complete	Complete	1/28/2011	07/29/12		Notice to Proceed: 01/28/2011. Project is under construction.	
Cambridge	CHOPTANK	11,175	123,000	No	Complete	Complete	11/15/2009	10/01/12		Construction Bids opened 01/21/2011. Part-B construction procurement package under review by MDE.	
Taneytown	UPPER POTOMAC	1,225	16,000	No	Complete	Complete	5/1/2011	07/30/12		Full scale pilot test incorporating BIOMAG process completed and draft report received by MDE for review.	
Aberdeen	UPPER WESTERN SHORE	3,891	60,000	No	Complete	Complete	6/4/2010	08/03/12		Construction started 6/4/2010. Project is under Construction	
Joppatowne	UPPER WESTERN SHORE	6,917	14,000	No	Complete	Complete	6/11/2010	08/30/12		Project delay. County selected another design engineer.Design is 60% complete & under County review.	
Snow Hill	LOWER EASTERN SHORE	14,532	22,000	Yes	Complete	Complete	10/1/2009	04/15/13		Design started in Oct 09. Design is 100% complete. Bids to open on Feb 28, 2011.	
Winebrenner	UPPER POTOMAC	11,971	45,000	Yes	1/16/2007	8/1/2010	1/15/2013	05/01/14		County pilot tested BioMag process for ENR treatment. Testing is complete. Report received 11/19/2010.	
Maryland City	PATUXENT	13,071	38,000	No	Complete	Complete	10/20/2008	6/30/2011	10/30/12	Final Plans & Specs received on 11/18/10. ENR grant eligibility being finalized with Anne Arundel Co.	

