

MARYLAND DEPARTMENT OF THE ENVIRONMENT
BAY RESTORATION FUND
ENHANCED NUTRIENT REMOVAL PROGRAM

April 2010 Update

PROJECTED GRANT AWARDS (\$ MILLION)

Status	WWTP - NAME	ENR Cost (\$ M)	FY	PROJECTED GRANT AWARDS (\$ MILLION)														Total Check (\$ M)
				2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018		
Operational	APG-Aberdeen	-	Fed \$ 4.38M															8.26
Operational	BRUNSWICK	8.26			8.26													8.26
Operational	CELANESE	2.49	Final	2.50														2.50
Operational	CHESTERTOWN	1.49	Final	1.90														2.00
Operational	EASTON	8.66		3.43	5.23													8.66
Operational	ELKTON	7.96		0.10	7.86													7.96
Operational	FEDERALSBURG	3.36		0.36		3.00												3.36
Operational	HURLOCK	0.94	Final	1.00														1.00
Operational	INDIAN HEAD	6.48		6.48														6.48
Operational	KENT ISLAND	6.38	Final	6.49														6.49
Operational	MATTAWOMAN	-	At ENR															-
Operational	SALISBURY	3.00		3.00														3.00
Operational	SWAN POINT	-	Pvt \$ 2.98M															-
Operational	TALBOT CO. REG-2	2.00		2.00														2.00
Construction	BALLENGER	31.00						31.00										31.00
Construction	BOWIE	8.87		0.10	0.50			8.27										8.87
Construction	CRISFIELD	4.23		4.23														4.23
Construction	CUMBERLAND	26.78						1.00										26.78
Construction	DELMAR	2.54			0.20			2.34										2.54
Construction	GEORGE'S CREEK	10.59				10.43	0.16											10.59
Construction	HAGERSTOWN	10.86				0.65	10.21											10.86
Construction	HAVRE DeGRACE	11.29			0.40	10.89												11.29
Construction	LITTLE PATUXENT	35.50				0.53												35.50
Construction	MOUNT AIRY	3.50		0.20				3.30										3.50
Construction	PERRYVILLE	4.00			0.20		3.80											4.00
Construction	PATAPSCO	218.50			10.00			69.55	25.00	113.95								218.50
Construction	POCOMOKE CITY	3.30				3.02	0.20											3.22
Construction	POOLESVILLE	0.24				0.10	0.14											0.24
Design	ABERDEEN	17.40		0.20				15.70										17.40
Design	ANNAPOLIS	16.40			0.20		0.50	15.70										16.40
Design	BACK RIVER	375.00		5.00				21.00	180.00	169.00								375.00
Design	BLUE PLAINS	203.00			2.00			20.00	100.00	81.00								203.00
Design	BROADNECK	3.40						3.20										3.40
Design	BROADWATER	7.90						7.90										7.90
Design	CAMBRIDGE	7.90		0.10			0.40	7.40										7.90
Design	CHESAPEAKE BEACH	11.70						11.70										11.70
Design	COX CREEK	126.50					16.50		110.00									126.50
Design	DAMASCUS	4.20		0.33				3.88										4.20
Design	DENTON	5.50				0.20		5.30										5.50
Design	LaPLATA	9.00			0.11		0.50	8.39										9.00
Design	LEONARDTOWN	5.10		0.51				4.59										5.10
Design	MARLAY TAYLOR	5.30			0.20		1.40	3.70										5.30
Design	MARYLAND CITY	4.40						4.40										4.40
Design	PARKWAY	18.70						18.70										18.70
Design	PATUXENT	13.80					0.50	13.30										13.80
Design	PISCATAWAY	5.50						5.55										5.55
Design	SENECA CREEK	6.90						6.90										6.90
Design	SNOW HILL	4.00						3.60										4.00
Design	SOD RUN	40.00			0.05		4.23	35.72										40.00
Design	TANEYTOWN	2.87					0.31	2.56										2.87
Design	THURMONT	8.00			0.30			7.70										8.00
Design	WESTERN BRANCH	35.80		1.00				34.80										35.80
Planning	CONOCOCHIEGUE	21.60									21.60							21.60
Planning	EMMITSBURG	5.20		0.05							5.15							5.20
Planning	FREEDOM DISTRICT	7.00		0.10							6.90							7.00
Planning	FREDERICK CITY	29.00									29.00							29.00
Planning	FRUITLAND	3.10									3.10							3.10
Planning	JOPPATOWNE	3.00					0.89				2.11							3.00
Planning	MAYO (Large Communal)	3.00										3.00						3.00
Planning	WESTMINSTER	17.60				0.02					17.58							17.60
Planning	WINEBRENNER WWTP	7.00			0.10						6.90							7.00
Pre-Planning	CENTREVILLE	1.00										1.00						1.00
Pre-Planning	DORSEY RUN (State)	3.90											3.90					3.90
Pre-Planning	HAMPSTEAD	3.00												3.00				3.00
Pre-Planning	MCI (State)	3.00													3.00			3.00
Pre-Planning	NORTHEAST	3.70													3.70			3.70
Pre-Planning	PRINCESS ANNE	4.00													4.00			4.00
67	AWARDS	1,476																
				30	43	29	15	171	322	596	272	-	-	-	-	-	-	1,476
		Cum Awards	\$	30	73	102	116	287	608	1,205	1,476	1,476	1,476	1,476	1,476	1,476	1,476	1,476
				2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018		
		Bud. Approp. (\$M)	\$	30	70	80	73	80	275	295	35	8						
		Cum Approp. (\$M)	\$	30	100	180	253	333	608	903	938	946	946	946	946	946	946	946
		Current BRF Fee Can Finance (Rounded)	\$	30	43	29	15	171	322	295	35	8	-	-	-	-	-	948
		Projected Deficit								(301)	(237)	8	-	-	-	-	-	(530)

Maryland Department of the Environment
 Maryland Water Quality Financing Administration

April 2010 Update

Bay Restoration Fund

Current Fee \$30.00 New Fee \$ 30.00

WWTP Upgrade Cashflow Projection (does not include Septics)

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Totals	
Revenues																
Net WWTP Revenue Transfer from COMP	Cash Basis	\$ 7,022,667	\$ 57,686,674	\$ 57,465,812	\$ 55,068,045	\$ 53,355,991	\$ 53,890,000	\$ 54,429,000	\$ 54,973,000	\$ 55,523,000	\$ 56,078,000	\$ 56,639,000	\$ 57,205,000	\$ 57,777,000	\$ 58,355,000	\$ 735,468,189
Net Bond Sale Proceeds WQFA (1)		\$ -	\$ -	\$ -	\$ 51,623,877	\$ -	\$ -	\$ -	\$ 178,200,000	\$ 202,950,000	\$ 94,050,000	\$ -	\$ -	\$ -	\$ -	\$ 526,823,877
Net Bond Sale Proceeds LOCAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Est. Interest/Investment Earnings (@3%)		\$ 38,738	\$ 961,410	\$ 3,954,467	\$ 6,022,118	\$ 5,848,037	\$ 6,000,000	\$ 2,200,000	\$ 2,300,000	\$ 2,000,000	\$ 2,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 35,324,770
Total Revenue for ENR/Sewer Upgrades		\$ 7,061,405	\$ 58,648,084	\$ 61,420,279	\$ 112,714,040	\$ 59,204,028	\$ 59,890,000	\$ 56,629,000	\$ 235,473,000	\$ 260,473,000	\$ 152,128,000	\$ 57,639,000	\$ 58,205,000	\$ 58,777,000	\$ 59,355,000	\$ 1,297,616,836
Expenditures																
Plug numbers >>>																
ENR WWTP Grant - AWARDS		\$ -	\$ 30,000,000	\$ 43,000,000	\$ 29,000,000	\$ 15,000,000	\$ 171,000,000	\$ 322,000,000	\$ 295,000,000	\$ 35,000,000	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -	\$ 948,000,000
ENR WWTP Grant - CASH PAYMENTS (3 yrs 25%,50%,25%)		\$ -	\$ 7,500,000	\$ 25,750,000	\$ 36,250,000	\$ 29,000,000	\$ 57,500,000	\$ 169,750,000	\$ 277,500,000	\$ 236,750,000	\$ 93,250,000	\$ 12,750,000	\$ 2,000,000	\$ -	\$ -	\$ 948,000,000
Sewer Infrastructure Grants		\$ -	\$ 2,675,000	\$ 3,200,000	\$ 2,580,000	\$ 2,523,981	\$ 6,688,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,667,481
ENR O&M Grants to WWTPs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 219,000	\$ -	\$ 1,000,000	\$ 2,000,000	\$ 3,000,000	\$ 4,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 25,219,000
Debt Service Reserve (plug if applicable)	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service - WQFA Bonds		\$ -	\$ -	\$ -	\$ -	\$ 4,654,700	\$ 4,710,200	\$ 4,616,000	\$ 4,614,000	\$ 22,549,800	\$ 42,970,200	\$ 52,436,400	\$ 52,434,400	\$ 52,404,700	\$ 52,364,000	\$ 293,754,400
Debt Service - LOCAL Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Admin. Expenses Allocation (up to 1.5%)		\$ 105,340	\$ 865,300	\$ 861,987	\$ 826,021	\$ 800,340	\$ 808,350	\$ 816,435	\$ 824,595	\$ 832,845	\$ 841,170	\$ 849,585	\$ 858,075	\$ 866,655	\$ 875,325	\$ 11,032,023
Total Expenditure for ENR/Sewer Upgrades		\$ 105,340	\$ 11,040,300	\$ 29,811,987	\$ 39,656,021	\$ 36,979,021	\$ 69,926,050	\$ 175,182,435	\$ 283,938,595	\$ 262,132,645	\$ 140,061,370	\$ 70,035,985	\$ 60,292,475	\$ 58,271,355	\$ 58,239,325	\$ 1,295,672,904
Fund Balances																
Ending Balance - Cash Basis		\$ 6,956,065	\$ 54,563,849	\$ 86,172,141	\$ 159,230,160	\$ 181,455,167	\$ 171,419,117	\$ 52,865,682	\$ 4,400,087	\$ 2,740,442	\$ 14,807,072	\$ 2,410,087	\$ 322,612	\$ 828,257	\$ 1,943,932	
Bond Issuance																
LOCAL Bonds																
WQFA Bonds Sold (2) [Details below]		\$ -	\$ -	\$ -	\$ 50,000,000	\$ -	\$ -	\$ -	\$ 180,000,000	\$ 205,000,000	\$ 95,000,000	\$ -	\$ -	\$ -	\$ -	\$ 530,000,000
Cum. Debt Service Reserve		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
(1) Net of Bond Issuance Costs, estimated at 1.0% of bond issued, plus any premium																
(2) Assumes 15-year term at Wt. Avg. 5.50% interest rate with level debt service for future bond issues																
Authorizations																
Projected Deficit (\$M)																
-301 -237 8 0 0 0 0 -530																

Contact: Jag Khuman, Director, MWQFA
 Email: jkhuman@mde.state.md.us
 Phone: 410-537-3119