



BAYSTAT

REPORTING PERIOD: August 2009

Leadership Team

Agriculture: Buddy Hance
 Environment: Secretary Shari T. Wilson
 Natural Resources: Secretary John Griffin
 Planning: Secretary Richard Hall



Cover Crop Summary									
	FY08			FY09			FY10		
	No.	Acres	Dollars	No.	Acres	Dollars	No.	Acres	Dollars
Applications	1,782	336,800	\$13,242,947	1,959	398,225	\$20,345,344.55	1,233	330,469	\$16,220,309.00
Approvals	1,529	303,364	\$12,462,012	1,946	387,022	\$19,997,443.55			
Fall Certification	1,223	203,497	\$7,745,291	1,593	237,144	\$11,185,373.00			
Spring Payment	1,180	187,479	\$6,733,397	1,533*	234,252.8*	\$10,462,022.70			



BAYSTAT

REPORTING PERIOD: August 2009

	Chesapeake Bay Habitat Health Report Card								
	Water Clarity			Chlorophyll a			Dissolved Oxygen		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Choptank	4	30	23	10	32	21	83	81	86
Mid Bay	9	14	17	16	28	20	72	74	68
North Bay	20	5	27	65	46	53	82	80	79
North East tribs	3	8	5	22	25	21	79	77	78
North West tribs	9	21	5	27	56	25	100	100	100
Patapsco	0	35	0	0	0	0	52	57	59
Patuxent	4	0	3	19	9	19	62	66	66
Potomac	6	0	18	31	45	39	80	74	78
South East	5	8	19	41	33	38	88	92	77
South West tribs	0	4	0	0	15	0	49	48	49

	Chesapeake Bay Habitat Health Report Card (continued)								
	Phyto-plankton Community			Bethic Community			Biotic Index		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Choptank	9	17	18	11	48	15	9	25	12
Mid Bay	69	79	81	23	11	32	35	33	43
North Bay	36	42	53	68	72	50	57	67	65
North East tribs		32	13	39	18	18	35	24	18
North West tribs				25	78	90	31	71	85
Patapsco	0	10	10	14	83	44	9	32	20
Patuxent	20	3	11	20	28	28	18	13	17
Potomac	25	22	39	12	24	40	31	32	42
South East				66	29	44	45	26	37
South West tribs		21	26	14	10	17	25	18	22

	Chesapeake Bay Habitat Health Report Card (continued)								
	Bay Grasses			Water Quality Index			Bay Habitat Health Index		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Choptank	8	10	4	32	49	43	21	37	28
Mid Bay	14	10	17	32	39	35	34	36	39
North Bay	66	87	92	56	52	53	56	59	59
North East tribs	31	23	25	34	41	35	35	33	27
North West tribs	38	65	79	45	55	43	38	63	64
Patapsco	11	2	5	17	19	20	13	26	20
Patuxent	14	9	12	28	27	29	23	20	23
Potomac	54	50	48	39	42	45	35	37	44
South East	24	23	30	44	42	45	45	34	41
South West tribs	37	23	22	16	23	16	21	20	19



**BAYSTAT
MDE - ONSITE SEPTIC RETROFIT PROGRAM
REPORTING PERIOD: AUGUST 2009**

	FY08 Totals	April	May	June	FY09 Totals	July	after FY08 (milestone progress)
Total Expenditures	\$2,821,832	\$1,068,830	\$902,167		\$9,445,716	\$43,938	
Revenues	\$8,489,070	\$809,959	\$48,498		\$9,481,930		
New Installations (Counties and MDE)	286	98	103	156	821	201	1022
New Installations - Critical Area (Counties and MDE)	162	36	33	45	325	99	424
New Installations - Grant Counties	236	25	26	26	262	26	
Anne Arundel	44	7	10	18	73	0	
Calvert	34	0	4	0	29	0	
Caroline	10	2	0	4	17	4	
Calvert	34				29	0	
Charles					1	4	
Dorchester Co.	19				14	0	
Frederick		5	3	0	10	0	
Harford Co.	14				17	0	
Kent		1	0	0		0	
Talbot	11	1	0	0	28	1	
Washington Co.	48				21	0	
Worcester		0	0	0		0	
Wicomico	8	9	9	4	32	6	
New Installations - MDE direct	48	0	0	0	20	11	
Expenditures - MDE direct *	50	CLOSED			559	175	
New Grants Awarded to Counties (\$)	\$476,950	73	77	130	\$5,546,982	\$756,269	
# Of Counties Enrolled This Period	\$0	\$562,250	\$655,908		\$0	\$900,000	
Total Number of Counties Enrolled to Date (cumulative)	4	\$0	\$0		4	1*	
End of Period fund balance (\$)	14	0	0		14	14	

* Reflects approved system installations. Actual MDE payment may not be reflected until following month.

Revenue and Expenditure not reported until 15th of month

* Charles County

new installations beyond CA (Counties and MDE)	124
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Wastewater Treatment Plants

ENHANCED NUTRIENT REMOVAL

Reporting Period: JULY 2009

	Est. Lbs/Year Nitrogen Reduction*	Upgrade Includes BNR	Start Date Planning	Start Date Design	Start Date Construction	Target Date Construction Complete	Actual Date Construction Complete	Remark
Cambridge	123,000	No	12/1/2005	9/15/2009	9/1/2010	12/31/2011		Reviewing City's justification for ENR eligibility due to very low flow to the plant.
Denton	12,000	No	Complete	1/1/2009	3/15/2010	9/30/2011		Design is 30% complete. Preliminary ENR eligibility established.
Easton	60,000	Yes	Complete	Complete	Complete	Complete	6/30/2007	ENR is in operation - Pending sludge related change order
Crisfield	45,000	Yes	Complete	Complete	5/9/2005	8/30/2009		Change order for corrective action is being issued
Delmar	38,000	Yes	Complete	Complete	6/15/2009	12/1/2010		Construction awarded & NTP issued. Project is under construction.
Federalsburg	34,000	Yes	Complete	Complete	1/16/2008	9/16/2010		May be completed ahead of schedule
Fruitland	12,000	No	2/1/2009	2/1/2010	2/1/2011	12/1/2012		Planning study has been initiated. W&S Plan to be updated to reflect 1.06 expansion
Hurlock	75,000	Yes	Complete	Complete	Complete	Complete	5/15/2006	Construction was completed as scheduled
Pocomoke City	67,000	No	Complete	Complete	12/30/2009	3/1/2011		Design was expedited to meet Stimulus grant deadline.
Princess Anne	19,000	No	9/1/2009	5/1/2010	5/1/2011	1/1/2013		Tentative schedule - may change with ENR agreement. Planning study to be initiated.
Salisbury	388,000	Yes	Complete	Complete	Complete	Complete	12/16/2008	Construction done, not meeting ENR - City has hired consultant to remedy action.
Snow Hill	22,000	Yes	10/1/2008	10/1/2009	11/1/2010	9/1/2012		Town completed feasibility study. Design to start October 09
Indian Head	22,000	Yes	Complete	Complete	Complete	Complete	12/30/2008	Construction is complete and ENR is in operation
La Plata	22,000	No	8/30/2007	9/30/2009	8/30/2010	11/30/2011		Town changed scope to complete ENR without expansion. Design A/E under review
Leonardtown	10,000	No	Complete	6/1/2010	11/1/2011	11/1/2013		MDE approved new schedule
Mayo	12,000	Yes	9/1/2006	9/1/2010	4/1/2011	2/1/2012		Delayed due to the new outfall location issue and public interest.
St. Michaels	30,000	Yes	Complete	Complete	Complete	Complete	10/22/2008	Construction is completed
Annapolis	197,000	No	Complete	8/15/2008	4/30/2010	6/30/2012		Design is 95% complete. ENR eligibility established on 7/20/09.
Broadneck	91,000	No	Complete	8/4/2008	4/30/2010	9/30/2012		MDE to assess ENR modifications after full scale ferric chloride chemical testing.
Broadwater	30,000	No	9/1/2007	10/15/2009	2/28/2011	2/28/2013		A/E for Design approved 05/04/09. MDE to evaluate plant performance & flow data
Chesapeake Beach	22,000	No	Complete	8/30/2009	1/30/2011	1/30/2013		Consultant for Design selected 7/15/2009
Marlay Taylor	91,000	No	9/6/2007	9/30/2009	5/30/2010	3/1/2012		Possible delay in A/E selection due to MBE/WBE requirement
MCI	24,000	No	Plant meets ENR standards at current flow - Low priority project					MDE sending ENR agreement for planning. MES to initiate planning study.
Blue Plains (MD P)	2,591,640	Yes	11/1/2003	8/30/2009	9/1/2011	6/1/2015		ENR Agreement for Design forwarded to WSSC.
Damascus	22,000	No	Complete	12/1/2007	2/1/2010	12/31/2011		ENR eligibility finalized. MDE reviewed 95% plans & specs and submitted comments.
Piscataway	456,000	No	Complete	12/15/2008	4/1/2010	4/30/2011		100% design received and comments provided to WSSC. ENR eligibility finalized.
Poolesville	34,000	No	Complete	Complete	10/1/2009	4/30/2010		Final Design has been reviewed. Permit to be issued.
Seneca	304,000	No	Complete	2/1/2009	4/1/2010	3/31/2012		30% design reviewed by MDE. ENR eligibility finalized.
Back River	2,741,000	No	8/1/2005	10/1/2009	11/1/2011	3/1/2015		Pilot study for denitrification filter has been initiated. 30% design comments sent.
Cox Creek	228,000	No	Complete	3/28/2008	12/1/2009	4/30/2015		Phase I design complete & ENR eligibility established. Phase II 35% complete.
Freedom District	53,000	No	5/16/2007	10/1/2009	12/1/2010	6/1/2012		Delays due to additional planning study
Mr. Airy	18,000	No	Complete	Complete	10/30/2009	10/30/2010		Part-B Procurement package for construction being reviewed by MDE
Patapsco	3,335,000	Yes	Complete	1/15/2006	10/1/2009	3/1/2013		1st phase of the contract has been finalized. 1st Phase Bids opened June 24, 2009.
Bowie	50,000	No	Complete	Complete	7/8/2009	12/31/2010		Project is under construction.
Dorsey Run	30,000	No	7/15/2006	MDE confirmed that the facility is meeting ENR without an upgrade				Facility will continue to be monitored
Little Patuxent	380,000	No	Complete	1/30/2008	9/30/2009	12/28/2012		100% Design received by MDE. Site preparation for construction already started. D/B
Maryland City	38,000	No	Complete	10/20/2008	12/1/2009	4/30/2011		Design is 85% complete. Additional info requested to assess ENR grant eligibility.
Parkway	114,000	No	Complete	2/1/2009	5/1/2010	3/30/2012		ENR eligibility finalized. WSSC submitted final Plans & Specs for MDE's review.
Patuxent	114,000	No	Complete	10/15/2008	3/30/2010	9/30/2011		Design engineering contract under review by WOFA at MDE. Design is 60% complete.
Western Branch	456,000	No	Complete	9/1/2008	11/30/2009	12/30/2012		WSSC provided a new schedule. Plant is under design.
Centreville	7,000	No	Land Application. ENR may not be required. Facility meeting TMDL limits					Meets ENR at current flow - project is low priority
Chestertown	68,000	Yes	Complete	Complete	Complete	Complete	6/17/2008	Final inspection was done-operational optimization is underway
Elkton	139,000	Yes	Complete	Complete	7/17/2006	9/30/2009		Construction is behind schedule - To be completed by end of 9/09
Kent Island	137,000	Yes	Complete	Complete	Complete	Complete	8/20/2007	Construction was completed as scheduled
Northeast River	30,000	No	Meets nitrogen goals, but may need upgrade for phosphorus removal					Project is low priority
Perryville	25,000	Yes	Complete	Complete	8/1/2008	12/30/2009		Construction is underway with no significant delay
Swan Point	27,000	Yes	Complete	Complete	Complete	Complete	5/3/2007	Completed by a private developer
Ballenger Creek	274,000	No	Complete	Complete	10/15/2009	12/1/2012		Project bids for construction to open July 9, 2009. Project has stimulus loan also.
Brunswick	63,000	Yes	Complete	Complete	Complete	Complete	9/15/2008	Completed
Celanese	91,000	Yes	Complete	Complete	Complete	Complete	11/2/2006	Completed with no significant delays
Cococochague	62,000	No	1/16/2007	12/30/2009	5/15/2010	12/30/2011		County is evaluating expansion. Delays possible
Cumberland	228,000	No	Complete	Complete	7/15/2009	7/30/2011		Project is under construction.
Emmitsburg	11,000	Yes	Complete	9/15/2009	7/30/2010	9/30/2012		Town can't afford their share of ENR upgrade. MDE is providing supplemental grant
Fredrick	121,000	No	8/30/2008	1/30/2010	6/1/2010	8/1/2012		City re-initiated design for upgrade at existing design capacity
Georges Creek	27,000	Yes	Complete	Complete	4/1/2008	3/1/2010		Construction is underway with no significant delay
Hagerstown	121,000	No	Complete	Complete	11/26/2008	10/1/2010		Project is under construction
Mattawoman	304,000	No	Can achieve ENR as part of BNR upgrade (Completed on 11/8/2007)					BNR upgrade was completed - evaluating plant performance for ENR
Taneytown	16,000	No	11/1/2008	9/30/2009	1/30/2011	12/30/2012		ENR agreement signed and design evaluation initiated. BPW approved July 22.
Thurmont	15,000	No	Complete	12/15/2008	11/30/2009	7/30/2011		Project is in design. A/E for design approved.
Westminster	76,000	No	5/1/2005	9/1/2009	12/1/2010	4/1/2012		Feasibility report was completed. Additional info requested
Winnebrenner	45,000	Yes	1/16/2007	12/31/2009	6/30/2010	5/30/2011		County considering design flow reduction. County pilot testing BioMag for ENR.
Aberdeen	60,000	No	Complete	11/15/2008	2/10/2010	4/15/2012		Project is 60% designed and MDE sent review comments.
APG-Aberdeen	127,000	Yes	Complete	Complete	Complete	Complete	3/14/2006	Completed by the US Army
Hampstead	41,000	Yes	12/1/2009	9/1/2010	9/1/2011	12/1/2012		ENR Agreement not signed. Proposed NPDES permit being disputed by Carroll Cnty
Harve De Grace	34,000	Yes	Complete	Complete	7/9/2007	2/9/2010		Construction is underway with no significant delay
Joppatowne	14,000	No	Complete	9/10/2009	12/15/2010	12/15/2011		Project delay. ENR eligibility established. Design to start Sept 09 upon BPW approval.
Sod Run	304,000	Yes	Complete	9/10/2009	4/1/2011	11/30/2012		Project delays - design to start Sept 09 upon BPW approval of funds

* The difference in nitrogen loading with and without the upgrade at the design capacity



BAYSTAT
WATER MANAGEMENT ADMINISTRATION COMPLIANCE PROGRAM
REPORTING PERIOD: FY 2005 - 2009

	Discharge Permits					Erosion & Sediment Control				
	FY 2005	FY 2006	FY 2007	FY2008	FY09	FY 2005	FY 2006	FY 2007	FY 2008	FY09
Sites / Facilities										
# Permits issued	299	304	***1,577	***2,241	1,259	*1,352	**1,500	192	281	308
# Permits/Regulated Sites in Effect - Fiscal Year	3,094	3,170	4,432	†7886	13,677	18,414	19,034	18,227	21,307	‡13,414
Inspections										
# Sites Inspected	2,664	2,664	3,939	1,544	1,385	4,406	3,782	3,234	2,708	2,150
# Inspections / Audits / Spot Checks	*9,787	**9,256	9,521	9,049	9,745	8,415	8,001	6,546	6,000	3,829
Compliance Profile										
# Inspected Sites with Significant Violations	42	32	114	54	79	26	40	37	57	74
% Inspected Sites/Facilities In Significant Compliance	98%	99%	97%	98%	95%	99%	99%	99%	98%	97%
% Inspected Sites/Facilities Found With Significant Violations	2%	1%	3%	2%	5%	1%	1%	1%	2%	3%
Inspection Coverage Rate****	86%	85%	89%	‡20%	10%	24%	20%	18%	13%	16%
Significant Violations										
# Signif. Viols. -- Environmental or Health Impacts	34	27	100	45	79	7	14	22	18	70
# Signif. Viols. -- Technical/Preventive Deficiencies	8	5	14	9	5	20	34	22	40	4
# Signif. Viols. Carried Over Awaiting Disposition from Previous Year	73	54	31	41	35	11	20	16	24	31
Total	115	86	145	95	119	38	68	60	82	105
Disposition of Significant Violations										
Resolved	61	55	102	60	49	34	52	39	51	26
Ongoing	54	31	43	35	70	4	16	24	31	79
Enforcement Actions										
# Compliance Assistance Rendered	115	64	49	64	140	683	502	249	197	215
# Show Cause / Remedial / Corrective Action Issued	20	24	25	10	7	10	6	8	4	16
# Stop Work Orders	0	0	1	1	1	10	2	12	9	14
# Injunctions Obtained	3	3	4	1	0	0	0	0	1	0
# Penalty & Other Enforcement Actions	45	71	104	61	42	25	24	35	46	10
# Referrals to Atty. Gen. For Possible Criminal Action	0	0	0	1	2	0	0	0	0	0
Penalties										
Amt. Of Administrative or Civil Penalties Obtained	\$434,521	\$1,351,044	\$488,149	\$481,911	\$280,308	\$186,930	\$234,010	\$268,408	\$248,932	\$148,811

Discharge Notes

- * This number includes 3,157 inspections and 6,630 DMR reviews
- ** This number includes 2,936 inspections and 6,320 DMR reviews
- *** General Permit for Construction Activity moved from E&S in FY2007
- **** Coverage is ratio of sites inspected to permits in effect.

E&S Notes

- *Includes 1050 Sites Permitted Under the Gen Permit for Const Activity
- * Includes 1275 Sites Permitted Under the Gen Permit for Const Activity
- ***Coverage Rate is ratio of sites inspected to permits/regulated sites in effect.
- Gen Permit for Const Activity moved to Discharge Permits in FY07

Responsible Agency: MDE

Updated: August 08

Next Update: August 09



BAYSTAT
PROGRAM OPEN SPACE
REPORTING PERIOD: September 2009 (thru 9/16/09)

Program Open Space	FY10 (thru 09/16/09)	FY09	FY08	FY07	FY06	FY05
New POS Cases	5	55	80	79	40	3
POS Cases Approved by BPW	2	24	27	33	9	5
POS Acquisition Costs	\$1,707,500	\$94,142,040	\$43,985,525	\$47,023,727	\$11,749,068	\$711,107.00
POS Acres Acquired	403.75	14,961	2,069	5,345	1,484	1,688
% of the acres acquired that are within the High Priority Conservation Area	78%	97%	73%			
% of the acres acquired that are related to Water and Land Trails	22%	36%	61%			

Agricultural Easements		FY08	FY07	FY06	FY05
Ag Easements Approved by BPW		116	72	68	9
Ag Easements Acreage		15,286.64	8,596.70	8,482.60	1,134.70
Ag Easement Costs (millions)		\$90.98	\$54.9	\$22.9	\$4.2

Rural Legacy	FY10 (thru 08/05/09)	FY09	FY08	FY07	FY06
Dollars	\$4,602,304.00	\$17,111,124.92	\$22,723,668	\$8,865,720	\$6,345,277
Acres	641.87	3,562	4,798.01	1,823	1,575

Maryland Environmental Trust	FY09 ()	FY08	FY07	FY06	FY05
Number of Donated Easements		52	32	40	30
Donated Easement Acres		5,546.19	2,715.60	2,597.25	2,094.87
Number of Purchased Easements		3	1	2	2
Purchased Easement Acres		383.09	250.38	281.94	36.59
State Acquisition Cost of Purchased Easements		\$0.00	\$0.00	\$0.00	\$0.00
Total Number of MET Easements		55	33	42	32
Total MET Acreage		5,929.28	2,965.98	2,879.19	2,131.46
TOTAL ACREAGE AMONG PROGRAMS	18,523	17,470.88	18,730.68	25,033.02	20,654.84

Responsible Agency: DNR

Updated: 11/24/08

Next Update: 04/15/08



BAYSTAT
MARYLAND FOREST CONSERVATION ACT
FOREST ACREAGE UNDER COUNTY
PROGRAM REVIEW 1993 - 2007

Co. Name	# Reviewed	#Exempt	#Regulated	Outstanding, as of 7/17/08
Anne Arundel	996	457	539	2006 data
Baltimore	1,941	661	1,280	
Baltimore City	413	67	346	2007 data
Calvert	4,000	3,278	722	
Caroline	139	2	137	
Carroll	2,100	1,215	885	
Cecil	3,860	3,017	843	
Charles	5,449	4,895	554	
Dorchester	286	180	106	
Frederick	1,084	491	593	
Harford	341	13	328	
Howard	3,124	2,016	1,108	
Kent	196	138	58	
Montgomery	4,687	3,365	1,322	
Prince George's	7,392	5,131	2,261	
Queen Anne's	309	198	111	
Saint Mary's	352	19	333	
Somerset	306	205	101	
Statewide	41,797	29,042	12,755	
Talbot	398	339	59	2003 data
Washington	3,666	2,755	923	2007 data
Wicomico	1,410	1,062	348	
Worcester	1,636	1,094	542	
Grand Total	85,882	59,640	26,254	

Responsible Agency: DNR

Updated: 7/17/08

Next Update: 8/15/08 (with any changes to the 1993-2007 database). Counties are required to report 2008 data to DNR in March 09.



BAYSTAT
MARYLAND FOREST CONSERVATION ACT
FOREST ACREAGE UNDER COUNTY PROGRAM REVIEW 1993 - 2007

County Name	Forested Tract Acres	Cleared Acres	Retained Acres	Planted Acres
Anne Arundel	3,730	2,481	2,367	368
Baltimore	11,030	3,625	7,496	1,040
Baltimore City	44	68	163	173
Calvert	8,344	4,021	7,548	284
Caroline	967	181	850	105
Carroll	3,627	949	2,599	1,855
Cecil	7,528	2,013	5,187	359
Charles	13,336	7,786	6,694	145
Dorchester	331	53	265	75
Frederick	3,622	1,443	2,807	463
Harford	8,352	2,647	6,663	1,198
Howard	6,139	3,138	3,024	1,409
Kent	415	22	505	91
Montgomery	10,768	3,256	7,854	2,114
Prince George's	37,803	13,938	17,637	3,396
Queen Anne's	4,253	404	4,228	419
Saint Mary's	12,977	3,999	8,966	383
Somerset	912	127	708	35
Statewide	146,331	55,831	91,956	15,246
Talbot	1,015	180	876	58
Washington	3,042	1,062	2,000	4,342
Wicomico	2,795	1,014	1,953	297
Worcester	7,539	4,401	2,918	979
Grand Total	294,901	112,638	185,264	34,834

Responsible Agency: DNR

Updated: 7/17/08, no changes through 8/20/08

Next Update: 9/15/08 (with any final changes to the 1993-2007 database). Counties are required to report 2008 data to DNR in March 09.



**BAYSTAT
MANURE TRANSPORT PROGRAM
REPORTING PERIOD: APRIL 2009**

Year	Tons Transported annually	Tons Poultry Litter Transported	Tons Non-Poultry Litter Transported
FY 99	1,925	1,925	0
FY 00	13,366	13,366	0
FY 01	20,477	20,477	0
FY 02	47,483	43,144	4,339
FY 03	28,463	27,707	756
FY 04	40,755	37,674	3,081
FY 05	38,333	24,080	14,253
FY 06	69,009	35,469	33,540
FY 07	99,298	47,844	51,454
FY 08	98,822	44,843	53,979
FY09	119,892	62,505	57,387
Total	577,823	359,035	218,788

Updated: 7/09
Next Update: 10/09

**BAYSTAT
MANURE TRANSPORT PROGRAM: FINANCIAL ASSISTANCE: SENDING COUNTY
REPORTING PERIOD: FY 2009**

SENDING COUNTY	PAYMENT STATE	POULTRY CO. MATCH	NON - POULTRY STATE \$	TOTAL
Baltimore			\$1,845.79	\$1,845.79
Caroline	\$20,076.74	\$20,076.74	\$7,500.00	\$47,653.48
Carroll			\$1,891.49	\$1,891.49
Cecil			\$4,040.59	\$4,040.59
Dorchester	\$38,860.14	\$38,860.14	\$739.17	\$78,459.45
Frederick			\$23,574.71	\$23,574.71
Garrett			\$17,995.64	\$17,995.64
Harford			\$5,400.00	\$5,400.00
Kent			\$22,119.11	\$22,119.11
Montgomery			\$18,786.36	\$18,786.36
Queen Anne's	\$1,308.72	\$1,308.72	\$13,181.36	\$15,798.80
St. Mary's			\$563.59	\$563.59
Somerset	\$122,003.96	\$122,003.96		\$244,007.92
Talbot			\$11,128.04	\$11,128.04
Washington			\$25,027.07	\$25,027.07
Wicomico	\$141,278.32	\$141,278.32	\$5,360.04	\$287,916.68
Worcester	\$128,037.92	\$128,037.92		\$256,075.84
TOTAL	\$451,565.80	\$451,565.80	\$159,152.96	\$1,062,284.56

Responsible Agency:MDA
Updated: 7/09
Next Update: 10/09

**NUTRIENT REMOVAL
REPORTING PERIOD: FY 2007**

NUTRIENT REMOVAL	Nitrogen-FY07 Actual	Nitrogen-FY08 Estimated	Nitrogen-FY08 Actual	Phosphorus-FY07 Actual	Phosphorus-FY08 Actual	Phosphorus-FY08 Estimated
Removed by Capital Projects	680,000	700,000	652,065	101,000	97,318	104,000
Removed by Cover Crops	2,043,485	1,742,500	1,750,000	48,082	41,000	41,000
Total	2,723,485	2,442,500	2,402,065	149,082	138,318	145,000

Updated:12/08
Next Update: 12/09



NUTRIENT MANAGEMENT PLAN COMPLIANCE	
	6/30/2009*
Total Farms	5,902
NMPs Submitted	5,853
Outstanding	49
% Outstanding	1%
Implementation Reports Submitted	5471**
Outstanding	118
% Outstanding	2%
On-Farm Inspections Completed*	452
% of Farms receiving inspection*	7.66%

*4 qtrs st/09

Updated: 7/09

Next Update: 10/09

**5,589 operations required to submit 2008 AIRs (revised)

Year	Annual CREP Enrollment (acres)
2005	740
2006	1,702
2007	1,367
2008	1,366
2009	2,234

Updated:7/09

Next Update: 10/09

*changed to FFY timeframe, USDA database tracks contracts cumulatively

CREP ENROLLMENT (cumulative since 1997)	
	6/30/2009
Total Contracts	5,497
Total Acres	70,239.0

Updated:

22-Jul

Next Update:

22-Oct

**BAYSTAT
AGRICULTURAL COMPLIANCE
REPORTING PERIOD: JULY 2008**

	FY09	FY08	FY07	FY06	FY05
Agricultural Complaints					
Inspections					
Status					
Closed		96	76	82	94
Compliance Assistance & Closed		6			
Enforcement Actions		4	2	0	3
Complaint Type					
Agronomic		52	29	28	26
Livestock		13	5	7	11
Manure		36	35	38	47
Odor		5	9	9	10

Responsible Agency: MDA

Updated: 8/08

Next Update: 8/09



**BAYSTAT
COVER CROPS
REPORTING PERIOD: JULY 2009**

	FY07			FY08			FY09			FY10		
	No.	Acres	Dollars	No.	Acres	Dollars	No.	Acres	Dollars	No.	Acres	Dollars
Applications	1550	454,881	\$17,224,217.30	1782	336,800	\$13,242,946.50	1959	398,225	\$20,345,344.55	1233	330,469	\$16,220,308.70
Approvals	1520	290,000	\$12,253,594.13	1,529	303,364	\$12,462,012.10	1,946	387,022	\$19,997,443.55			
Fall Certification	1212	243,995	na	1223	203,497	\$7,745,291.00	1533*	237,144	\$11,185,373.00			
Spring Payment	1178	238,674	\$7,616,982.30	1180	187,479	\$6,733,397.00			234252.8*	\$10,462,022.70		

Cover Crops Summary 2010, by County

County	Applications Received FY10			Applications Approved FY10			Fall Certified FY10		Spring Claim for Payment FY10		
	App Rec 09 No.	App Rec 09 Acres	App Rec 09 Dollars	App App 09 No.	App App 09 Acres	App App 09 Dollars	FC 09 No.	FC 09 Acres	SCFP 09 No.	SCFP 09 Acres	SCFP 09 Dollars
Allegany	9	407.00	\$23,795.00	9	407.00	\$23,795.00					
Anne Arundel	14	1,307.00	\$60,065.00	14	1,307.00	\$60,065.00					
Baltimore	28	5,881.00	\$253,400.00	28	5,881.00	\$253,400.00					
Calvert	18	2,385.10	\$104,354.00	18	2,385.10	\$104,354.00					
Caroline	95	21,541.60	\$908,675.75	95	21,541.60	\$908,675.75					
Carroll	95	18,027.00	\$1,023,864.50	95	18,027.00	\$1,023,864.50					
Cecil	57	13,992.00	\$715,025.00	57	13,992.00	\$715,025.00					
Charles	20	4,427.00	\$206,134.50	20	4,427.00	\$206,134.50					
Dorchester	82	25,195.70	\$1,124,948.00	82	25,195.70	\$1,124,948.00					
Frederick & Catoctin	162	30,516.50	\$1,468,253.00	162	30,516.50	\$1,468,253.00					
Garrett	11	975.00	\$64,755.00	11	975.00	\$64,755.00					
Harford	51	7,393.40	\$388,090.00	51	7,393.40	\$388,090.00					
Howard	13	2,115.00	\$100,950.00	13	2,115.00	\$100,950.00					
Kent	116	37,205.90	\$2,000,484.00	116	37,205.90	\$2,000,484.00					
Montgomery	29	12,747.00	\$556,842.75	29	12,747.00	\$556,842.75					
Prince George's	22	2,808.70	\$130,699.50	22	2,808.70	\$130,699.50					
Queen Anne's	87	27,807.00	\$1,391,515.00	87	27,807.00	\$1,391,515.00					
St. Mary's	44	13,997.80	\$601,511.00	44	13,997.80	\$601,511.00					
Somerset	43	8,627.90	\$396,080.50	43	8,627.90	\$396,080.50					
Talbot	79	38,246.90	\$1,897,088.50	79	38,246.90	\$1,897,088.50					
Washington	46	9,499.83	\$510,186.70	46	9,499.83	\$510,186.70					
Wicomico	69	23,631.20	\$1,191,923.50	69	23,631.20	\$1,191,923.50					
Worcester	43	21,733.00	\$1,101,667.50	43	21,733.00	\$1,101,667.50					
Total	1,233	330,468.53	\$16,220,308.70	1,233.00	330,468.53	\$16,220,308.70	0			0.00	\$0.00

Cover Crops Summary 2009, by County

County	Applications Received FY09			Applications Approved FY09			Fall Certified FY09		Spring Claim for Payment FY09		
	App Rec 09 No.	App Rec 09 Acres	App Rec 09 Dollars	App App 09 No.	App App 09 Acres	App App 09 Dollars	FC 09 No.	FC 09 Acres	SCFP 09 No.	SCFP 09 Acres	SCFP 09 Dollars
Allegany	11	412.50	\$19,105.00	18.00	1,920.00	\$100,810.00	7	211.25	6	183.25	\$8,049.50
Anne Arundel	16	1,875.00	\$98,645.00	11.00	412.50	\$19,105.00	13	754.99	13	758.39	\$35,765.75
Baltimore	53	8,538.00	\$471,795.00	51.00	8,025.00	\$439,390.00	44	5,036.48	39	3,659.83	\$149,451.85
Calvert	29	2,810.51	\$117,410.60	29.00	2,780.51	\$117,410.60	24	1,621.35	23	1,602.78	\$64,553.30
Caroline	144	24,286.00	\$1,039,695.00	99.00	16,190.49	\$862,291.05	125	17,598.83	132	19,806.10	\$695,750.85
Carroll	140	23,362.00	\$1,266,755.00	38.00	7,142.60	\$347,405.50	108	13,741.73	111	13,987.16	\$643,448.50
Cecil	101	16,535.49	\$874,666.05	140.00	23,216.00	\$1,254,450.00	83	13,664.17	80	13,621.61	\$604,832.65
Charles	38	7,198.20	\$353,063.50	144.00	24,354.00	\$1,040,970.00	32	3,929.19	32	3,932.42	\$153,323.60
Dorchester	127	25,193.80	\$1,210,397.50	129.00	25,543.80	\$1,228,247.50	107	18,337.44	107	18,107.91	\$768,248.70
Frederick & Catoctin	260	44,986.07	\$1,872,093.55	256.00	43,556.47	\$1,800,426.55	215	18,734.36	189	17,694.60	\$748,217.15
Garrett	11	665.00	\$40,915.00	11.00	665.00	\$40,915.00	8	484.34	7	387.69	\$20,262.70
Harford	93	10,471.00	\$633,745.00	94.00	10,996.00	\$661,300.00	64	5,859.40	55	4,396.06	\$212,986.90
Howard	24	2,201.14	\$111,526.80	23.00	2,193.74	\$108,504.90	18	1,279.48	18	1,333.54	\$53,176.20
Kent	169	39,062.32	\$2,340,878.90	166.00	38,257.32	\$2,288,443.90	154	26,769.69	144	26,545.90	\$1,375,468.60
Montgomery	49	18,340.00	\$928,050.00	49.00	18,490.00	\$928,050.00	43	7,183.92	35	6,278.72	\$269,351.85
Prince George's	34	3,144.68	\$155,876.00	36.00	3,333.68	\$164,741.00	26	1,819.10	24	1,663.79	\$67,663.60
Queen Anne's	151	33,962.70	\$1,798,698.50	151.00	33,287.70	\$1,775,048.50	123	17,928.45	119	18,583.43	\$786,323.30
St. Mary's	71	13,852.00	\$613,475.00	67.00	8,897.14	\$443,780.05	59	6,368.91	51	8,214.54	\$335,941.85
Somerset	68	8,945.94	\$447,044.05	72.00	13,882.00	\$614,375.00	52	7,991.65	59	6,279.81	\$249,231.50
Talbot	123	47,913.20	\$2,394,605.00	120.00	41,533.20	\$2,304,310.00	108	31,565.34	108	30,979.19	\$1,457,179.90
Washington	71	11,089.30	\$621,679.50	74.00	11,279.30	\$632,529.50	51	5,882.52	50	5,785.80	\$257,648.00
Wicomico	90	21,455.47	\$1,145,027.00	88.00	21,101.47	\$1,127,867.00	68	13,430.17	68	13,546.26	\$703,307.00
Worcester	86	31,924.50	\$1,790,197.50	80.00	29,964.50	\$1,697,072.50	61	16,951.13	61	16,904.00	\$801,839.45
Total	1,959	398,224.82	\$20,345,344.55	1,946.00	387,022.42	\$19,997,443.55	1,593	237,143.89	1533*	234,252.78	\$10,462,022.70



*does not include 15 contracts - payment pending unresolved issues

Cover Crops Summary 2008, by County

County	Applications Received FY08			Applications Approved FY08			Fall Certified FY08		Spring Claim for Payment FY08		
	App Rec 08 No.	App Rec 08 Acres	App Rec 08 Dollars	App App 08 No.	App App 08 Acres	App App 08 Dollars	FC 08 No.	FC 08 Acres	SCFP 08 No.	SCFP 08 Acres	SCFP 08 Dollars
Allegany	5	323.50	\$12,755.00	5	323.50	\$ 12,755.00	4	61.60	4	61.60	\$2,580.00
Anne Arundel	15	1,536.90	\$50,615.00	15	1,536.90	\$ 50,615.00	12	1,137.92	12	1,124.99	\$33,752.10
Baltimore	33	4,943.00	\$177,820.00	33	4,943.00	\$ 177,820.00	28	3,623.37	29	4,385.04	\$199,660.20
Cabert	19	3,053.57	\$ 109,527.40	12	2,268.30	\$ 94,182.00	11	1,127.26	11	997.24	\$31,490.00
Caroline	149	24,509.70	\$895,033.00	130	22,125.70	\$ 854,703.00	109	15,444.04	106	14,349.20	\$486,656.00
Carrroll	143	18,363.40	\$740,264.00	117	16,479.60	\$ 699,388.00	94	12,185.07	86	10,442.91	\$382,971.50
Cecil	90	11,764.05	\$432,469.50	78	10,409.95	\$ 430,587.50	58	7,894.59	57	7,366.29	\$285,303.70
Charles	43	7,533.90	\$309,765.00	30	5,814.90	\$ 271,785.00	21	2,647.20	16	2,185.70	\$91,865.00
Dorchester	127	29,377.47	\$1,169,179.40	107	26,657.07	\$ 1,068,870.60	96	18,975.81	94	17,571.61	\$639,210.50
Frederick & Catoctin	233	32,061.80	\$1,257,596.00	185	27,679.00	\$ 1,131,440.00	139	15,302.03	130	13,463.85	\$456,095.02
Garrett	9	532.00	\$23,360.00	7	480.00	\$ 20,760.00	6	285.70	5	172.30	\$8,001.00
Harford	81	10,314.60	\$443,950.00	64	8,758.60	\$ 393,680.00	45	5,359.75	46	5,380.23	\$208,799.80
Howard	22	2,085.20	\$64,050.00	17	1,493.20	\$ 52,610.00	12	980.70	12	940.20	\$38,171.00
Kent	143	30,623.70	\$1,246,374.00	129	28,580.70	\$ 1,190,574.00	107	20,568.12	107	20,107.42	\$780,084.60
Montgomery	42	11,210.00	\$416,650.00	36	9,795.00	\$ 380,550.00	26	5,822.15	22	4,324.13	\$141,607.20
Prince George's	40	3,672.70	\$158,082.00	32	3,445.70	\$ 154,292.00	24	1,962.77	19	1,634.64	\$64,914.70
Queen Anne's	139	33,677.20	\$1,312,534.00	133	32,759.20	\$ 1,282,624.00	106	20,793.34	101	19,375.69	\$665,475.10
St. Mary's	60	6,549.21	\$335,086.20	53	5,881.40	\$ 258,700.00	43	4,845.08	36	7,415.44	\$267,815.70
Somerset	64	15,986.60	\$586,428.00	45	14,026.60	\$ 545,228.00	36	7,833.37	39	3,567.82	\$131,736.30
Talbot	112	32,269.70	\$1,377,925.00	102	30,501.70	\$ 1,333,205.00	89	24,812.27	93	23,157.25	\$820,290.00
Washington	60	8,221.00	\$333,897.00	55	7,699.00	\$ 323,087.00	42	4,669.07	40	4,313.10	\$145,111.10
Wicomico	69	18,103.50	\$723,106.00	69	18,103.50	\$ 723,106.00	55	12,159.92	55	11,578.15	\$454,663.30
Worcester	84	29,907.00	\$1,048,480.00	75	23,622.00	\$ 1,011,780.00	61	14,853.05	60	13,564.53	\$497,143.10
Total	1,782	336,799.70	\$13,242,946.50	1,529	303,363.52	\$12,462,012.10	\$1,224.00	\$203,144.18	1,180	187,479	\$6,733,397



Cover Crops Summary 2007, by county

County	Applications Received FY07			Applications Approved FY07			Fall Certified FY07		Spring Claim for Payment FY07		
	App Rec 07 No.	App Rec 07 Acres	App Rec 07 Dollars	App App 07 No.	App App 07 Acres*	App App 07 Dollars	FC 07 No.	FC 07 Acres	SCFP 07 No.	SCFP 07 Acres	SCFP 07 Dollars
Allegany	10	342.50	\$13,375.00	10		\$9,531.25	7	147.40	7	147.40	\$4,027.75
Anne Arundel	19	2,647.00	\$87,697.00	19		\$59,932.75	15	1,423.41	14	1,354.28	\$35,008.25
Baltimore	34	5,400.00	\$174,965.00	32		\$106,307.50	25	3,229.80	23	3,117.20	\$60,726.00
Calvert	21	2,947.00	\$104,230.00	21		\$71,363.00	18	1,774.83	18	1,690.50	\$40,921.00
Caroline	134	34,726.10	\$1,227,649.00	133		\$853,379.25	100	17,200.80	98	17,051.80	\$508,046.00
Carroll	128	24,843.10	\$959,102.00	119		\$677,359.00	92	15,016.57	88	14,643.97	\$434,521.80
Cecil	80	19,134.60	\$701,191.00	79		\$510,913.00	61	11,068.15	60	10,955.75	\$337,132.50
Charles	34	10,512.10	\$428,945.00	34		\$365,598.75	29	4,912.70	28	4,867.20	\$154,080.25
Dorchester	103	38,703.60	\$1,431,783.50	100		\$1,010,420.50	88	24,087.79	87	23,697.79	\$797,972.10
Howard	15	1,661.00	\$54,845.00	15		\$36,685.00	12	900.60	10	852.90	\$19,716.00
Prince George's	40	9,357.18	\$233,919.80	40		\$168,663.13	31	2,711.61	31	2,711.57	\$82,143.70
Queen Anne's	115	50,204.50	\$1,881,730.00	112		\$1,406,920.00	89	23,560.28	88	23,142.80	\$740,670.15
St. Mary's	54	7,460.80	\$280,416.00	53		\$204,826.25	40	5,119.80	40	5,100.80	\$153,193.75
Somerset	80	20,311.60	\$717,958.00	50		\$253,184.50	44	11,670.26	44	11,669.81	\$330,122.50
Talbot	87	41,304.20	\$1,656,004.00	86		\$1,191,367.50	77	27,114.25	76	26,651.05	\$948,753.75
Washington	49	10,413.00	\$411,920.00	49		\$294,015.00	35	4,976.69	33	4,847.29	\$158,805.30
Wicomico	78	25,362.70	\$1,011,105.00	78		\$747,608.75	52	13,996.30	52	13,852.00	\$497,921.50
Worcester	64	34,314.00	\$1,441,750.00	63		\$980,312.50	46	14,929.20	45	14,920.80	\$500,032.50
Total	1,550	454,881.18	\$17,234,217.30	1,520	0	\$12,253,594.13	1,212	243,995.45	1,178	238,673.64	\$7,616,982.30

Cover Crops Summary 2006, by county

County	Applications Received FY06			Applications Approved FY06			Fall Certified FY06		Spring Claim for Payment FY06		
	App Rec 06 No.	App Rec 06 Acres	App Rec 06 Dollars	App App 06 No.	App App 06 Acres	App App 06 Dollars	FC 06 No.	FC 06 Acres	SCFP 06 No.	SCFP 06 Acres	SCFP 06 Dollars
Allegany	6	287.6	\$7,573	6	287.6	\$11,091.50	5	222.00	5	222	\$6,893
Anne Arundel	6	913.3	\$22,059	5	893.3	\$30,482.00	4	512.70	4	459	\$16,258
Baltimore	17	2,789.00	\$90,379	17	2,789.0	\$104,435.00	11	793.60	10	777	\$26,035
Calvert	7	1,007.00	\$29,210	7	1,007.0	\$40,280.00	4	419.70	4	419	\$13,890
Caroline	69	11,750.50	\$310,209	68	11,660.5	\$417,872.00	53	6,603.60	51	6,239	\$226,079
Carroll	66	8,489.10	\$262,679	66	8,489.1	\$321,304.00	46	5,072.10	42	4,495	\$165,695
Cecil	46	7,426.60	\$244,554	46	7,426.6	\$288,373.50	36	5,712.60	35	5,342	\$194,669
Charles	23	3,631.00	\$116,130	23	3,631.0	\$145,240.00	19	2,902.60	18	2,865	\$111,129
Dorchester	70	19,897.70	\$633,452	70	19,897.7	\$782,018.00	57	14,724.20	57	14,000	\$564,264
Frederick & Catoctin	108	19,901.5	\$502,647	107	19,101.5	\$732,510.00	79	11,166.40	72	9,483	\$330,581
Garrett	13	790.5	\$23,986	12	771.8	\$30,872.00	7	210.90	7	203	\$7,858
Harford	52	8,941.60	\$252,958	50	8,291.6	\$316,714.00	37	4,995.95	35	4,195	\$160,472
Howard	5	786.2	\$23,363	5	786.2	\$30,398.00	5	337.60	4	166	\$6,355
Kent	97	22,325.00	\$668,195	97	22,489.0	\$858,556.00	81	15,187.70	81	14,872	\$530,477
Montgomery	27	12,920.00	\$291,644	25	12,620.0	\$486,050.00	20	7,222.60	19	6,250	\$230,443
Prince George's	19	2,564.05	\$75,419	18	2,527.8	\$101,110.00	14	1,709.00	14	1,653	\$59,143
Queen Anne's	81	19,333.60	\$529,025	76	17,676.8	\$655,520.00	66	11,897.00	64	11,476	\$391,803
St. Mary's	39	9,330.00	\$278,849	33	3,984.0	\$157,860.00	31	6,720.80	26	2,270	\$77,883
Somerset	33	3,984.00	\$114,017	38	9,230.0	\$324,150.00	26	2,521.30	31	6,590	\$245,763
Talbot	63	17,974.70	\$616,668	61	17,822.7	\$710,458.00	53	14,298.50	52	14,005	\$540,888
Washington	30	5,424.00	\$180,103	29	5,324.0	\$205,805.00	19	1,659.80	18	1,529	\$57,761
Wicomico	45	15,884.00	\$472,446	45	15,884.0	\$587,310.00	40	11,859.90	40	11,894	\$432,033
Worcester	43	13,282.00	\$391,115	40	12,667.0	\$446,680.00	35	8,777.30	34	8,634	\$327,874
Total	965	208,932.95	\$8,219,732.50	944	205,268.15	\$7,785,089.00	748	135,327.85	723	128,638.00	\$4,744,246.00

GDU Agency Goals and Actions Assessment Dashboard- DNR

(Contributing Actions, Benchmarks and Progress To Date: September 2009)

GDU VII. Accelerate Bay Restoration Efforts to Reach the Healthier Bay Tipping Point by 2020

Contributing Actions/Deliverables	Units	Implementation Targets	Progress to Date	Target additional nitrogen removed (lbs/yr)	Estimated additional nitrogen removed to date (lbs/yr)	GDU Assessment and (% Action Completed)
C. Expand Natural Filters on Public Lands to Reduce Nitrogen Load by 125,000 lbs/yr (Milestone 1)						
Streamside Forest Buffers	# properties		2	28,720	3,389	12%
	# acres	1,000	118			
Streamside Grass Buffers	# properties		1	7,850	628	8%
	# acres	500	40			
Wetland Restoration	# properties		4	28,720	6,778	24%
	# acres	1,000	236			
Retire Highly Erodible Land	# properties			19,100	0	0%
	# acres	2,000				
Upgrade Septics DNR Land	# systems	81	13	972	156	16%
Total (28.72 lbs/ac BF & WL, 15.7 lbs/ac BG, 9.55 lbs/ac RHEL, 12 lbs/septic)				85,362	10,951	13%
E. Achieve No Annual Net Loss in Forest Land by 2012						
Forest Conservation Task Force				NA	NA	
Forest Brigade (DPSCS)	# acres	1,551	259			19%
	# trees	1,000,000	190,300			
Marylanders Plant Trees (2009)	# acres			NA	NA	22%
	# trees	50,000	10,971			
Stewardship						
Children in Nature	# participants			NA	NA	
	# projects					
Smart Green and Growing	# actions & completed actions			NA	NA	
Marylanders Grow Oysters (2009)	# cages	5,000	4548	NA	NA	86%

Assesment Key	
A	Ahead/Exceeding Expectations
OT	On Track
B	Behind Schedule
CB	Considerably Behind Schedule

GDU Agency Goals and Actions Assessment Dashboard- MDE

Contributing Actions, Benchmarks and Progress To Date

GDU VII. Accelerate Bay Restoration Efforts to Reach the Healthier Bay Tipping Point by 2020

Contributing Actions/Deliverables	Implementation Targets	Delivery Date	Progress 7/1/08 through 8/31/09	Target nitrogen removed (lbs/yr)	Estimated nitrogen removed to date (lbs/yr)	GDU Assessment and (% Action Completed)
B. Reduce Nitrogen Load (Pollution) from Developed Land by 1,194,792 lbs/yr						
Wastewater Treatment Plants ENR	14 additional plants upgraded and ENR effectiveness confirmed	12/31/11	2 upgrades (Chestertown & Brunswick) completed and ENR effective; 2 upgrades (Indian Head & St. Michael's) completed but ENR effectiveness not fully confirmed; 10 upgrades underway	740,000	75,809	10%
MD Healthy Air Act	All affected power plants upgraded to meet Health Air Act nitrogen-related standards.	1/1/09	Legislation passed, upgrades completed	305,882	305,882	100%
Stormwater runoff management retrofits	90,000 acres	12/31/11	26,250	119,700	34,913	29%
Septic retrofits inside Critical Area	1,080 systems	12/31/11	615	13,133	7,478	57%
Septic retrofits outside Critical Area	1,920 systems	12/31/11	658	10,042	3,441	34%
Upgrade 9 State-owned non-DNR septic systems in Critical Area	9 systems	12/31/11	3 upgrades completed	109	36	33%
Total Estimated Reductions:						

GDU Agency Goals and Actions Assessment Dashboard-MDA

(Contributing Actions, Benchmarks and Progress To Date)

GDU VII. Accelerate Bay Restoration Efforts to Reach the Healthier Bay Tipping Point by 2020

Contributing Actions/Deliverables	Implementation Targets		Delivery Date	Progress to Date		Target nitrogen removed (lbs/yr)	Estimated nitrogen removed to date (lbs/yr)	GDU Delivery Assessment and (% Action Completed)	
A. Reduce Nitrogen Load from Agricultural Run Off by 2,183,169 lbs/yr									
Plant 460,000 acres of cover crops	280634 farms	ac	annual	59,473	ac	1,370,929	290,532	21%	OT
Manure Transport-alternative use	10000 farms	tons	annual	16,775	tons	20,000	33,550	168%	A
Soil Conservation & Water Quality Plans	257049 farms	ac	11-Dec	0	ac	159,370	0	0%	
Nutrient Management Plan Enforcement	100000	ac	12/11	95709	ac	311,000	297,655	96%	A
Dairy Manure Incorporation Technology	2500 farms	ac	12/11	892	ac	22,000	7,850	36%	A
Poultry Manure Incorporation Tech	2500 farms	ac	12/11	0	ac	13,000	0	0%	OT
Heavy Use Poultry Area Concrete Pads	400	proj	12/11	174	proj	88,000	38,280	44%	A
Poultry Waste Structures	53	struc	12/11	35	struc	11,130	7,350	66%	A
Livestock Waste Structures	145	struc	12/11	29	struc	76,995	15,399	20%	A
Water Control Structures	25000 projects	ac	12/11	245	ac	75,000	735	1%	B
Stream Protection with Fencing	3000 farms	ac	12/11	754	ac	20,370	5,120	25%	A
Stream Protection without Fencing	3000 farms	ac	12/11						
Runoff Control Systems	75	syst	12/11	34	syst	5,175	2,346	45%	
C. Expand Natural Filters to Reduce Nitrogen Load by 368,066 lbs/yr									
Streamside grass buffers - private	7000 farms	ac	12/11	0	ac	119,420	0	0%	
Streamside forest buffers - private	3000 farms	ac	12/11	59.6	ac	86,160	1712	2%	
Retire Highly Erodible Land - private	1800 farms	ac	12/11	162	ac	17,190	1547	9%	
Wetland restoration - private	700 projects	ac	12/11	0	ac	20,104	0	0%	
Total Estimated Reductions:						2,395,739	702,075	29.31%	
D. Curb Harmful Sprawl Development by 30% by 2012									
Buy Local efforts	Expand		Ongoing			NA	NA		
Extent to which Agency has submitted a sufficient number of substantive actions:									
Extent to which Agency has submitted adequate delivery/action plans:									

Assesment Key	
A	Ahead/Exceeding
OT	On Track
B	Behind Schedule
CB	Considerably Behind

5 USDA FFY 09 data (10/1/08-6/30/09):

C. Expand Natural Filters to Reduce Nitrogen Load by 368,066 lbs/yr								
Streamside grass buffers - private	farms/7,000 acres ^{5*}		12/11	1044.4 acres		119,420	17817.5	15%
Streamside forest buffers - private	farms/3,000 acres ^{5*}		12/11	107.8 acres		86,160	3096	4%
Retire Highly Erodible Land - private	farms/1,800 acres ^{5*}		12/11	994.7acres		17,190	9499.4	55%
Wetland restoration - private	700 acres/ properties*		12/11	68.2ac		20,104	1958.7	10%

GDU Agency Goals and Actions Assessment Dashboard-MDP

(Contributing Actions, Benchmarks and Progress To Date: July 2009)

GDU VII. Accelerate Bay Restoration Efforts to Reach the Healthier Bay Tipping Point by 2020

Contributing Actions/Deliverables	Implementation Targets	Progress to Date (FY 10 moving forward)	Target nitrogen prevented (lbs/yr)*	Estimated nitrogen prevented to date (lbs/yr)*	GDU Assessment and (% Action Completed)
D. Curb Harmful Sprawl Development by 30% by 2012					
AgPrint	Ongoing Updates	maps being refined as part of ongoing update	n/a	n/a	OT
Growth Print	Unveil 9/2009	proceeding with vetting process	n/a	n/a	OT
Draft of State Development Plan	Complete	refining outreach process; preparing outreach materials	n/a	n/a	OT
Track/Establish New C2K Goal	Complete	requested update of C2K harmful sprawl goal to PSC and federal leads	n/a	n/a	OT

* At this time, the amount of nutrient pollution prevented by the MDP deliverables cannot be determined. However, once the State Development Plan is completed and its recommended policies and programs implemented, growth patterns could change, resulting in reduced numbers of septic tanks and reduced losses of forests, which would result in the prevention of nutrient pollution from future households.

Assesment Key

A	Ahead/Exceeding Expectations
OT	On Track
B	Behind Schedule
CB	Considerably Behind Schedule

American Recovery and Reinvestment Act (ARRA) of 2009

Proposed Funding List

STATUS AS OF September 8, 2009

Program	County	US CONGRESSIONAL DISTRICT	MARYLAND LEGISLATIVE DISTRICT	Applicant	Project Title	Estimated Cost	Loan	Grant (DACE/ED)	Grant (Green Reserve)	DATE CONSTRUCTION >95% PLANS & SPECIFICATIONS SUBMITTED TO MDE (DUE < 5/31/09)	DATE CONSTRUCTION FINAL PLANS & SPECIFICATIONS SUBMITTED TO MDE (DUE < 7/30/09)	DATE CONSTRUCTION PLANS & SPECIFICATIONS APPROVED BY MDE	DATE CONSTRUCTION BIDS OPENED BY APPLICANT (DUE < 9/30/09)	DATE CONSTRUCTION CONTRACT PROCUREMENT APPROVED BY MDE	CONSTRUCTION STARTED BY APPLICANT (NTP < 12/31/09)	DATE OR GRANT AGREEMENT EXECUTED BY MDE	LOAN NUMBER OF JOBS RETAINED	NUMBER OF NEW JOBS CREATED	CURRENT PROJECT STATUS	STORMWATER NPDES PERMIT STATUS	WETLAND PERMIT STATUS
WQ-Stimulus	Allegany	6	1C	Cumberland	Cumberland WWTP ENR Upgrade (Construction)	\$ 38,814,949		\$ 6,000,000			01/21/09	03/13/09	01/07/09	05/15/09	08/03/09			Under Construction	Issued	Issued on 8/10/08	
WQ-Stimulus	Allegany	6	1B	L'Avale	Bradcock Run Interceptor Rehab	\$ 3,909,066		\$ 1,371,982		7/28/09	07/28/09	08/03/09						Bidding	N/A	Pending	
WQ-Stimulus	Anne Arundel	3	30	Annapolis	Urban Watershed Impervious Surface Recovery	\$ 2,000,000			\$ 582,237	6/18/09	07/30/09	08/10/09						Bidding	N/A	N/A	
WQ-Stimulus	Anne Arundel	3	33B	Chesapeake Rivers Assoc	Clements Creek Stormwater Restoration	\$ 585,000			\$ 450,000	7/29/09	07/27/09	08/03/09						Bidding	N/A	N/A	
WQ-Stimulus	Anne Arundel	3	30	Dennis Point Homeowners Assoc	Dennis Point HCA Living Shoreline Project	\$ 598,960			\$ 598,960	6/1/09	07/21/09	07/27/09						Bidding	N/A	Issued	
WQ-Stimulus	Anne Arundel	3	30	Chesapeake Bay Trust	Chesapeake Bay Trust Franklin Manor	\$ 856,000			\$ 856,000	4/27/09	07/10/09	07/30/09						Bidding	N/A	Issued	
WQ-Stimulus	Anne Arundel	3	30	Chesapeake Bay Trust	Chesapeake Bay Trust Shady Cove	\$ 617,000			\$ 612,000	6/1/09	07/10/09	07/30/09						Bidding	N/A	Issued	
WQ-Stimulus	Anne Arundel	3	30	Chesapeake Bay Trust	Chesapeake Bay Trust Annapolis Landing	\$ 102,000			\$ 102,000	6/1/09	07/10/09	07/30/09						Bidding	N/A	Issued	
WQ-Stimulus	Anne Arundel	3	33B	Chesapeake Bay Trust	Chesapeake Bay Trust Southdown Shores	\$ 97,000			\$ 97,000	6/1/09	07/10/09	07/30/09						Bidding	N/A	Issued	
WQ-Stimulus	Anne Arundel	3	30	Chesapeake Bay Trust	Chesapeake Bay Trust Berrywood	\$ 97,000			\$ 97,000	6/1/09	07/10/09	07/30/09						Bidding	N/A	Issued	
WQ-Stimulus	Anne Arundel	3	30	Annapolis	Eastport SR Sewer Rehab	\$ 1,230,000	\$ 1,230,000			8/29/09	07/29/09	07/30/09						Bidding	N/A	N/A	
WQ-Stimulus	Anne Arundel	3	30	Annapolis	Second Street Back Creek Force Main	\$ 1,100,000	\$ 1,100,000			6/17/09	07/15/09	07/30/09						Bidding	N/A	Issued	
WQ-Stimulus	Baltimore	2	46	Baltimore County	Patspuso WWTP ENR	See B-City	\$ 6,000,000			4/1/09	04/01/09	08/04/09	06/24/09					Bidding	Pending	N/A	
WQ-Stimulus	Baltimore	2	6	Baltimore County	Passaic Island Beach Shoreline Enhancement	\$ 2,250,000		\$ 2,250,000			08/10/09	08/25/09						Bidding	N/A	Pending	
WQ-Stimulus	Baltimore	2	7	Baltimore County	South Fork White Marsh Run Stream Restoration	\$ 442,000			\$ 442,000		08/10/09	08/04/09	06/24/09	06/16/09	06/16/09	08/26/09		Under Construction	Issued	Issued	
WQ-Stimulus	Baltimore City	2	46	Baltimore City	Patspuso WWTP ENR	\$ 125,000,000	\$ 6,000,000			4/1/09	04/01/09	08/04/09	06/24/09					Bidding	Pending	N/A	
WQ-Stimulus	Baltimore City	3	46	Inner Harbor West	Westport Waterfront Tidal Wetland Creation	\$ 576,384			\$ 576,380		07/30/09	07/30/09						Bidding	Issued	Issued	
WQ-Stimulus	Baltimore City	3	46	Inner Harbor West	Westport Dryswale Creation (EBD Carroll Park Area)	\$ 229,724		\$ 229,724		2/27/09	06/02/09	07/30/09						Bidding	Issued	Issued	
WQ-Stimulus	Calvert	5	27B	Chesapeake Beach	D Street Sewer Improvement	\$ 1,560,000	\$ 1,560,000			6/23/09	07/29/09	07/30/09						Bidding	N/A	N/A	
WQ-Stimulus	Caroline	1	37B	Federalsburg	Federalsburg 181 Sewer Maple Ave & South Main St.	\$ 899,576		\$ 400,936		5/15/09	06/16/09	06/16/09						Bidding	N/A	N/A	
WQ-Stimulus	Caroline	1	36	Federalsburg	Replace RBC w/ Parkson Geopipe/Rebar	\$ 382,500			\$ 382,500		6/23/09	06/23/09						Bidding	N/A	N/A	
WQ-Stimulus	Caroline	1	37B	Federalsburg	Federalsburg SWM Mgmt Manhole/ Bay Filter	\$ 1,235,000		\$ 1,235,000		5/15/09	06/16/09	06/16/09						Bidding	N/A	Issued	
WQ-Stimulus	Carroll	6	4B	Union Bridge	Wastewater Treatment Plant Emergency Generator	\$ 88,000		\$ 88,000		06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	08/26/09		Under Construction	N/A	N/A		
WQ-Stimulus	Charles	5	28	LaPlata	Willow Lane Pump Station	\$ 5,000,000				07/30/09	07/30/09	07/30/09						Bidding	Issued	Issued	
WQ-Stimulus	Charles	5	28	LaPlata	Willow Lane Sanitary Sewer Upgrade	\$ 3,200,000	\$ 1,000,000			07/30/09	07/30/09	07/30/09						Bidding	Issued	N/A	
WQ-Stimulus	Dorchester	1	37	Harford	Harford Route 392 Pump Station Upgrade	\$ 250,000	\$ 250,000			06/03/09	06/03/09	06/03/09						Bidding	Issued	Issued	
WQ-Stimulus	Dorchester	1	37B	Dorchester County	Elkott Island Living Shoreline Restoration	\$ 2,448,251			\$ 2,448,251		06/03/09	06/03/09						Bidding	Issued	Pending	
WQ-Stimulus	Dorchester	1	37B	Dorchester	Susquehanna Point, Madison, and Woodford Sewers	\$ 7,990,333		\$ 2,239,385		5/22/09	07/23/09	07/24/09						Bidding	Pending	Pending	
WQ-Stimulus	Dorchester	1	37A	Vienna	Vienna WWTP - PS Energy Efficiency SCADA system	\$ 1,600,000			\$ 1,509,512	7/13/09	07/13/09	07/29/09						Bidding	N/A	N/A	
WQ-Stimulus	Frederick	6	3A	Frederick County	Ballegger Creek - McKinney ENR WWTP Expansion	\$ 151,680,000	\$ 6,000,000			05/22/09	07/17/09	07/17/09	07/09/09	08/08/09	06/16/09	07/22/09		Bidding	Pending	Issued 1/08/Mod 6/09	
WQ-Stimulus	Harford	2	3A	Town of Mountain Lake Park	Mountain Lake Park Sewer Rehab	\$ 1,407,414		\$ 1,000,000			06/03/09	06/03/09						Under Construction	Issued	Issued	
WQ-Stimulus	Harford	2	34A	Aberdeen	WWTP Concrete Repair	\$ 248,000	\$ 248,000			6/2/09	07/29/09	08/04/09						Bidding	N/A	N/A	
WQ-Stimulus	Harford	2	34A	Aberdeen	WWTP Structural Protective Coating	\$ 867,000	\$ 867,000			6/2/09	07/29/09	08/04/09						Bidding	N/A	N/A	
WQ-Stimulus	Harford	2	34A	Aberdeen	Methane Gas Management	\$ 119,000	\$ 119,000			6/2/09	07/29/09	08/04/09						Bidding	N/A	N/A	
WQ-Stimulus	Harford	2	34A	Aberdeen	Gravity Thickener Center Drive	\$ 119,000	\$ 119,000			6/2/09	07/29/09	08/04/09						Bidding	N/A	N/A	
WQ-Stimulus	Harford	2	34A	Aberdeen	Replaces Return Pumps at Wastewater Treatment Plant	\$ 297,500	\$ 297,500			6/2/09	07/30/09	08/04/09						Bidding	N/A	N/A	
WQ-Stimulus	Howard	3	13	Howard	Gulfport Gardens Re-development	\$ 120,076			\$ 100,000	6/17/09	07/28/09	08/12/09						Bidding	Issued	Issued	
WQ-Stimulus	Howard	7	9A	Howard	Tall Maple Court Stream Restoration	\$ 303,000			\$ 120,674	5/29/09	07/30/09	08/06/09						Bidding	N/A	Issued	
WQ-Stimulus	Howard	7	13	Howard	BALTWASH Industrial Park Stormwater Retrofit	\$ 310,000			\$ 187,500	5/29/09	07/30/09	08/06/09						Bidding	N/A	N/A	
WQ-Stimulus	Howard	1	12A	Env. Design & Resource Center LLC	Environment(R) PHASE II	\$ 1,016,460			\$ 1,016,420	5/29/09	07/24/09	08/12/09						Declined Funding	Pending	N/A	
WQ-Stimulus	Howard	6	13A	Howard	Little Patuxent Parallel Sewer Construction (5.6,7)	\$ 30,300,000	\$ 2,768,915			05/29/09	07/17/09	07/17/09						Bidding	Issued	Issued	
WQ-Stimulus	Kent	1	36	Millington	Chester River Trib Stream Stabilization	\$ 140,000			\$ 135,000	7/25/09	07/30/09	08/05/09						Bidding	N/A	Pending	
WQ-Stimulus	Kent	1	36	Millington	Cypress Street Stream Restoration	\$ 75,000			\$ 75,000		08/15/09	08/15/09						Bidding	N/A	Pending	
WQ-Stimulus	Kent	1	36	Kent	Siltpond Erosion Control (Wetland) Project	\$ 548,925			\$ 548,925	6/16/09	07/21/09	07/31/09						Bidding	N/A	Pending	
WQ-Stimulus	Montgomery	4	14	Ashdon Pond Community Assoc	Ashdon Pond and Wetland Restoration Project	\$ 669,000	\$ 669,000			06/26/09	06/26/09	06/26/09						Bidding	Issued	Applied on 7/30/09	
WQ-Stimulus	Montgomery	4	17	City of Rockville	Hoodley Gardens Park Stream Restoration	\$ 1,890,000	\$ 1,890,000			06/03/09	06/03/09	06/03/09						Bidding	Issued	Applied 10-2-09	
WQ-Stimulus	Montgomery	4	20	Takoma Park	7101 New Hampshire Linden Ave Wetland System for	\$ 185,000			\$ 160,000	7/16/09	07/24/09	07/31/09						Bidding	N/A	N/A	
WQ-Stimulus	Montgomery	4	15	Montgomery County	Germantown Estates SWM Pond Retrofit	\$ 407,928			\$ 305,946	6/2/09	07/17/09	07/21/09						Bidding	Issued	Issued 5/13/09	
WQ-Stimulus	Montgomery	4	20	Takoma Park	Green Roof Municipal Bldg Deck	\$ 100,000			\$ 70,000	7/24/09	07/29/09	07/31/09						Bidding	N/A	N/A	
WQ-Stimulus	Prince George's	4	24	Prince George's Co.	Bleedman Mill 104 wetland	\$ 351,000			\$ 351,000	5/27/09	07/23/09	07/23/09						Bidding	Issued on 6/3/09	N/A	
WQ-Stimulus	Prince George's	4	22	Chesapeake Bay Trust	Chesapeake Bay Trust E. Impervious	\$ 1,202,000			\$ 1,100,000	4/27/09	05/27/09	06/15/09			08/26/09			Bidding	N/A	N/A	
WQ-Stimulus	Prince George's	5	24	WSSC	Lower Anacostia Sewer Living (EBD)	\$ 8,700,000		\$ 4,000,000		5/29/09	07/15/09	07/15/09						Bidding	N/A	N/A	
WQ-Stimulus	Prince George's	5	27A	Prince George's Co.	Montpelier Mansion Low Impact Upper Patuxent	\$ 400,000			\$ 400,000		08/19/09	08/19/09						Bidding	N/A	N/A	
WQ-Stimulus	Prince George's	5	27A	Prince George's County	Wynneleigh Road Stream Stabilization Project	\$ 500,000		\$ 415,000			05/15/09	04/01/09	05/21/09	06/10/09	07/22/09			Under Construction	N/A	Issued	
WQ-Stimulus	Queen Anne's	1	36	Todd R Mohr	Bloomfield North Building Permeable Paving	\$ 200,000			\$ 200,000	6/2/09	07/29/09	08/03/09						Bidding	N/A	N/A	
WQ-Stimulus	Queen Anne's	1	36	Centerville	Centerville MD 393 Sanitary Sewer Upgrade	\$ 999,290		\$ 593,200		6/23/09	07/29/09	08/03/09						Bidding	N/A	N/A	
WQ-Stimulus	Queen Anne's	1	36	Centerville	Centerville MD 213 Sanitary Sewer Upgrade	\$ 1,409,100	\$ 1,409,100			6/23/09	07/29/09	08/03/09						Bidding	N/A	N/A	
WQ-Stimulus	St. Mary's	5	29B	St. Mary's Metcom	Narley-Taylor WRF Methane Power Co-Generation	\$ 3,430,000			\$ 3,430,000	07/30/09	07/30/09	07/30/09						Bidding	N/A	N/A	
WQ-Stimulus	Talbot	1	37B	Chesapeake Bay Trust	Chesapeake Bay Trust Cooperative Oxford Lab	\$ 213,500			\$ 183,500	4/27/09	07/10/09	07/16/09						Bidding	N/A	Issued	
WQ-Stimulus	Talbot	1	37B	Talbot	Talbot Co Biosolids Facility - Solar panel/wind turbine	\$ 6,900,000			\$ 2,700,000	6/4/09	06/30/09	06/30/09						Bidding	N/A	N/A	
WQ-Stimulus	Talbot	1	37B	Talbot	Sewer Force Main Relocation (EBD Ward 5)	\$ 1,146,000			\$ 1,146,000		08/13/09	08/13/09									

