



# BAYSTAT

REPORTING PERIOD: July 2009

**Leadership Team**

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



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



# BAYSTAT

REPORTING PERIOD: July 2009

<b>Chesapeake Bay Habitat Health Report Card</b>									
	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

<b>Chesapeake Bay Habitat Health Report Card (continued)</b>									
	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

<b>Chesapeake Bay Habitat Health Report Card (continued)</b>									
	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)
<b>Total Expenditures</b>	<b>\$2,821,832</b>	\$1,068,830	\$902,167		<b>\$9,445,716</b>	\$43,938	
<b>Revenues</b>	<b>\$8,489,070</b>	\$809,959	\$48,498		<b>\$9,481,930</b>		
<b>New Installations (Counties and MDE)</b>	<b>286</b>	98	103	156	<b>821</b>	201	1022
<b>New Installations - Critical Area (Counties and MDE)</b>	<b>162</b>	36	33	45	<b>325</b>	99	424
<b>New Installations - Grant Counties</b>	<b>236</b>	25	26	26	<b>262</b>	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	
<b>New Installations - MDE direct</b>	<b>48</b>	0	0	0	<b>20</b>	11	
<b>Expenditures - MDE direct *</b>	<b>50</b>	CLOSED			<b>559</b>	175	
New Grants Awarded to Counties (\$)	<b>\$476,950</b>	73	77	130	<b>\$5,546,982</b>	\$756,269	
# Of Counties Enrolled This Period	<b>\$0</b>	\$562,250	\$655,908		<b>\$0</b>	\$900,000	
Total Number of Counties Enrolled to Date (cumulative)	<b>4</b>	\$0	\$0		<b>4</b>	1*	
End of Period fund balance (\$)	<b>14</b>	0	0		<b>14</b>	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)	<b>124</b>
--	------------



# Wastewater Treatment Plants

ENHANCED NUTRIENT REMOVAL

Reporting Period: JULY 2009

	Est. Lbs/Year Nitrogen	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	11/30/2012		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	3/1/2013		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 ferrous 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	
Mt. 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 WQFA 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	

	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
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
Conococheague	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	7/13/2009	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
Frederick	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
Winebrenner	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 eligiility established. Design to start Sept 09 upon BPW aproval.
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
<b>Sites / Facilities</b>										
# 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
<b>Inspections</b>										
# 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
<b>Compliance Profile</b>										
# 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%
<b>Significant Violations</b>										
# 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
<b>Disposition of Significant Violations</b>										
Resolved	61	55	102	60	49	34	52	39	51	26
Ongoing	54	31	43	35	70	4	16	24	31	79
<b>Enforcement Actions</b>										
# 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
<b>Penalties</b>										
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: August 2009**

Program Open Space	FY10 (thru 08/05/09)	FY09	FY08	FY07	FY06	FY05
New POS Cases	3	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	FY09 (thru 06/17/09)	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	\$3,022,957.81	\$17,111,124.92	\$22,723,668	\$8,865,720	\$6,345,277
Acres	471.61	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	
<b>TOTAL ACREAGE AMONG PROGRAMS</b>		<b>18,523</b>	<b>17,470.88</b>	<b>18,730.68</b>	<b>25,033.02</b>	<b>20,654.84</b>

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**

<b>Co. Name</b>	<b># Reviewed</b>	<b>#Exempt</b>	<b>#Regulated</b>	<b>Outstanding, as of 7/17/08</b>
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	
<b>Grand Total</b>	<b>85,882</b>	<b>59,640</b>	<b>26,254</b>	

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**

<b>County Name</b>	<b>Forested Tract Acres</b>	<b>Cleared Acres</b>	<b>Retained Acres</b>	<b>Planted Acres</b>
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
<b>Grand Total</b>	<b>294,901</b>	<b>112,638</b>	<b>185,264</b>	<b>34,834</b>

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
<b>Total</b>	<b>577,823</b>	<b>359,035</b>	<b>218,788</b>

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
<b>TOTAL</b>	<b>\$451,565.80</b>	<b>\$451,565.80</b>	<b>\$159,152.96</b>	<b>\$1,062,284.56</b>

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

**NUTRIENT REMOVAL  
REPORTING PERIOD: FY 2007**



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

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 s/y09  
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
<b>Agricultural Complaints</b>					
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	\$16,220,309.00
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	1593	237,144	\$11,185,373.00			
Spring Payment	1178	238,674	\$7,616,982.30	1180	187,479	\$6,733,397.00	1533*	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 & Catocin	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					
<b>Total</b>	<b>1,233</b>	<b>330,468.53</b>	<b>\$16,220,308.70</b>	<b>1,233.00</b>	<b>330,468.53</b>	<b>\$16,220,308.70</b>	<b>0</b>			<b>0.00</b>	<b>\$0.00</b>



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 & Catoclin	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	\$111,526.90	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
<b>Total</b>	<b>1,959</b>	<b>398,224.82</b>	<b>\$20,345,344.55</b>	<b>1,946.00</b>	<b>387,022.42</b>	<b>\$19,997,443.55</b>	<b>1,593</b>	<b>237,143.89</b>	<b>1533*</b>	<b>234,252.78</b>	<b>\$10,462,022.70</b>



\*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	\$109,660.20
Calvert	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
Carroll	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	10,514.60	\$443,950.00	64	8,758.60	\$ 393,680.00	45	5,359.75	46	5,380.23	\$208,799.80
Howard	22	2,065.20	\$64,050.00	17	1,493.20	\$ 52,610.00	12	980.70	12	940.20	\$28,171.00
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	32,739.20	\$ 1,282,624.00	106	20,793.34	101	19,375.69	\$665,475.10
St. Mary's	60	6,549.21	\$353,086.20	53	5,881.40	\$ 258,370.00	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	7,698.00	\$ 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	14,653.05	60	13,564.53	\$497,143.10
<b>Total</b>	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		\$71,503.00	18	1,774.83	18	1,690.50	\$40,231.00
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		\$305,598.75	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	50	20,511.60	\$717,958.00	50		\$523,184.50	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	\$155,805.30
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
<b>Total</b>	<b>1,550</b>	<b>454,881.18</b>	<b>\$17,224,217.30</b>	<b>1,520</b>	<b>0</b>	<b>\$12,253,594.13</b>	<b>1,212</b>	<b>243,995.45</b>	<b>1,178</b>	<b>238,673.64</b>	<b>\$7,616,982.30</b>

**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	14,600	\$564,264
Frederick & Catoctin	108	19,301.5	\$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	\$550,477
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	19,233.60	\$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	2,321.30	31	6,590	\$245,763
Talbot	63	17,974.70	\$616,468	61	17,832.7	\$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
<b>Total</b>	<b>965</b>	<b>208,932.95</b>	<b>\$8,219,732.50</b>	<b>944</b>	<b>205,268.15</b>	<b>\$7,785,089.00</b>	<b>748</b>	<b>135,327.85</b>	<b>723</b>	<b>128,638.00</b>	<b>\$4,744,246.00</b>

# GDU Agency Goals and Actions Assessment Dashboard- DNR

(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	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)
<b>C. Expand Natural Filters on Public Lands to Reduce Nitrogen Load by 125,000 lbs/yr (Milestone 1)</b>						
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		2	28,720	6,720	23%
	# acres	1,000	234			
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	10,893	13%
<b>E. Achieve No Annual Net Loss in Forest Land by 2012</b>						
Forest Conservation Task Force				NA	NA	19%
Forest Brigade (DPSCS)	# acres	1,551	259			19%
	# trees	1,000,000	190,300			
Marylanders Plant Trees (2009)	# acres			NA	NA	18%
	# trees	50,000	8,943			
<b>Stewardship</b>						
Children in Nature	# participants			NA	NA	
	# projects					
Smart Green and Growing	# actions & completed actions			NA	NA	
Marylanders Grow Oysters (2009)	# cages	1,000	858	NA	NA	86%
	# properties	NA	177			

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

# 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)
<b>A. Reduce Nitrogen Load from Agricultural Run Off by 2,183,169 lbs/yr</b>						
Plant 460,000 acres of cover crops	farms/280,634 acres	12/11	237,500 ac	1,370,929		
Nutrient Management Plan Enforcement	100,000 acres	12/11	95,709 acres	311,000	297,655	96%
Soil Conservation & Water Quality Plans	farms/257,049 acres		farms/acres <sup>2</sup>	159,370		
Manure transport-alternative use	10,000 Tons		16,775 tons <sup>1</sup>	20,000	33,550	168%
Heavy Use Poultry Area Concrete Pads	400 projects <sup>3</sup>	12/11	152 projects	88,000	27,500	38%
Livestock Waste Structures	145 structures	12/11	29 structures*	76,995	15,399	20%
Water Control Structures	projects/25,000 acres*	12/11	8 projects/245 acres*	75,000	735	1%
Dairy Manure Incorporation Technology	farms/2,500 acres	12/11	farms /892 ac	22,000	7849.6	36%
Stream Protection with Fencing	farms/3,000 acres*	12/11	47 farms/754 ac	20,370	5120	25%
Poultry Manure Incorporation Tech	farms/2,500 acres	12/11	tons/acres <sup>4</sup>	13,000	0	
Poultry Waste Structures	53 structures*	12/11	35 structures*	11,130	7,365	66%
Runoff Control Systems	75 systems*	12/11	34 systems*	5,175	2,346	45%
<b>C. Expand Natural Filters to Reduce Nitrogen Load by 368,066 lbs/yr</b>						
Streamside grass buffers - private	farms/7,000 acres <sup>5*</sup>	12/11	38 farms/209.4 acres *	119,420	3572.4	
Streamside forest buffers - private	farms/3,000 acres <sup>5*</sup>	12/11	38 farms/59.6 acres *	86,160	1711.7	2%
Retire Highly Erodible Land - private	farms/1,800 acres <sup>5*</sup>	12/11	24 farms/162 acres *	17,190	1547	9%
Wetland restoration - private	700 acres/ properties*	12/11	ac <sup>6</sup>	20,104	0	
<b>Total Estimated Reductions:</b>				2,395,739		NA
<b>D. Curb Harmful Sprawl Development by 30% by 2012</b>						
Buy Local efforts	Expand	Ongoing		NA	NA	
<b>Extent to which Agency has submitted a sufficient number of substantive actions:</b>					17	
<b>Extent to which Agency has submitted adequate delivery/action plans:</b>					7	
<b>Extent to which Agency has completed its actions (in the aggregate):</b>					0	

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

1 Goal is established based on 35,000 tons/yr baseline level of activity for alternative use; 09 progress =51,775 tons

2 Data available 10/09; Conservation Tracker, new MDA database system still in development

3 a farm project may consist of more than one pad

4 Activity supported by a grant; contract pending

**\*data set represents only MACS funded BMPs; additional data pending completion of Conservation Tracker data system**

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

<b>C. Expand Natural Filters to Reduce Nitrogen Load by 368,066 lbs/yr</b>						
Streamside grass buffers - private	farms/7,000 acres <sup>5*</sup>	12/11	1044.4 acres	119,420	17817.5	15%
Streamside forest buffers - private	farms/3,000 acres <sup>5*</sup>	12/11	107.8 acres	86,160	3096	4%
Retire Highly Erodible Land - private	farms/1,800 acres <sup>5*</sup>	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- MDE

Contributing Actions, Benchmarks and Progress To Date: August 2009

**Notes:**

1. Numbers in red are from July and will be updated on 8/18.
2. Row for stormwater systems was removed because we are not tracking systems for the BayStat milestone.

### 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 (FY 10 moving forward***)	Target nitrogen removed (lbs/yr)	Estimated nitrogen removed to date (lbs/yr)	GDU Assessment and (% Action Completed)
<b>B. Reduce Nitrogen Load (Pollution) from Developed Land by 1,194,792 lbs/yr</b>						
Wastewater Treatment Plants ENR	15 plants upgraded and ENR effectiveness confirmed	12/31/11	1 upgrade (Chestertown) completed and ENR effective; 3 upgrades completed but ENR not fully effective; 11 upgrades underway	740,000	55,535	8%
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	TBD Sept. 09	119,700	TBD 9/09	TBD 9/09
Septic retrofits inside Critical Area	1,080 systems	12/31/11	424	13,133	5,156	39%
Septic retrofits outside Critical Area	1,920 systems	12/31/11	598	10,042	3,128	31%
Upgrade 9 State-owned non-DNR septic systems in Critical Area	9 systems	12/31/11	3 upgrades complete	109		0%
<b>Total Estimated Reductions:</b>				1,188,866		

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

**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)
<b>D. Curb Harmful Sprawl Development by 30% by 2012</b>					
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	planning roundtable; 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

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





**Division of Correction Special Work Crews  
Inmate Work Crews**

8/21/2009



Project	Facility	# of inmates	Type of work	Update/Next Steps
<b>New Projects</b>				
<i>Stone Soul Picnic</i>	<i>BCCC</i>	<i>12</i>	<i>Cleanup after the Stone Soul Picnic</i>	<i>This will occur on Sunday August 22, 2009</i>
<i>Hagerstown Model Railroad Museum</i>	<i>MCTC</i>	<i>Unk.</i>	<i>Upkeep of the grounds</i>	<i>We are in the process of determining which inmate crew will perform this work and when.</i>

**Ongoing Projects**

DNR Tree Planting	Various	72	Planting of 188,000 trees statewide	IPWC Mr. Rowley continues to discuss with DNR the Spring Tree planting and also to research the ability of the DOC to commence a fall planting for 2009.
Draft Horse Rescue Farm	Unk	Unk	Assisting the DHR in the care of at risk horses. These are horses of the larger breed such as Clydesdales.	<i>IPWC Mr. Rowley Toured the farm located in Mt. Airy Friday 8/16 and discussed the feasibility of inmate labor to assist in the care of the grounds and training on care for the horses. He will be receiving from the farm a list of possible work assignments</i>
St. Mary's County Sewage System Cleaning	SPUR	2	Clean Work on Sewage System	<i>The costs associated with use of inmate work crews is being presented to Superintendent Johnson.</i>
MES Masonville Cove	MCE	TBD	Growing and planting of Shoreline Grasses	Scope to be determined for shoreline grass planting. In MES planning stages for shoreline planting.
Construction of ADA compliant sidewalks	TBD	TBD	Use of inmate crews to excavate and construct ADA compliant sidewalks in coordination with the SHA.	Contact has been made and the feasibility of this project is under consideration.
SHA Tree Planting	MCE	20	Tree planting along the ICC	Planting of 40,000 - 50,000 trees as part of the ICC mitigation project. MOU signed by DPSCS. MCE is reviewing 7 sites for tree planting in the Fall 09.
MCE Greenhouse	MCIH	4	Growing shoreline grasses and starting field crops.	Preparing for fall planting.
MCE Agriculture Program	Western MD	15	Crops and Apples	MCE planted 26 acres of crops and is tending to 24 acres of apple trees.
Stream Fencing	State-wide	TBD	Construction and installation of stream fencing statewide	MDA is aware of our abilities and we have spoken to several staff members regarding this initiative.
Brick Projects	TBC,BCF, MCTC	20	clean and store bricks	<i>We have been able to make arrangements to pick up bricks at Jamison Door and bring them to the facility. Inmates have begun to clean the bricks. These are very nice hard bricks.</i>
Building Oyster Cages	EPRU	8	Building Oyster cages	Currently building up to 600 Oyster cages for DNR on site at EPRU
Oyster Shell Cleaning	SMPRU	6	Cleaning oyster shells	Detail is almost finished. The finally stage is in progress. Will return the last week of August to load shells on boat.

SHA Crews	Various	500	Community cleanup	<i>IPWC Mr. Rowley met with SHA to discuss expanding the use of Road Crews without an SHA trailing truck and driver. In addition, a discussion was held regarding expanding the recycling of collected litter. Mr. Rowley will be meeting with DOC leadership r</i>
Town of Federalsburg	EPRU	Unk.	Cutting grass and removing trash	Have met with Senator Colburn and beginning June 4th EPRU will begin to provide 4 pre-release inmates to perform general labor. MOU is being drafted.
Community Gardens	BCCC	10	Assisting in the upkeep of Community Gardens	We continue to go back and have added a new garden to the detail.
Caroline County Habitat for Humanity	EPRU	6	Helping build houses - providing general labor	Ongoing
Town of Williamsport	MCTC	3	Community cleanup	Ongoing
Mt. Auburn Cemetery - Baltimore	TBC	6	Cemetery beautification project	Cleanup project is completed. Crew is going back over some areas where regrow has occurred. No update on the use of Youth Works program to assist in this project. DPSCS has drafted a plan for continued presence at Mt. Auburn with community assistance
Cheltenham Veteran's Cemetery	SMPRU	3	Cemetery beautification project	Inmate labor/clean-up detail
Garrison Forrest Veterans Cemetery	CLF	5	Cemetery beautification project	Inmate labor/clean-up detail
Crownsville Veteran's Cemetery	BCF	4	Cemetery beautification project	Inmate labor/clean-up detail
Rocky Gap Veterans Cemetery	WCI	3 to 6	Cemetery beautification project	IPWC Rowley is working with Treatment Services to identify veteran inmates currently part of the population. Treatment Services has reworked interview tools to better assist in IDing Veterans. When identified, IPWC Mr. Rowley will request to transfer th
Eastern Shore Veterans Cemetery	PHPRU	3 to 6	Cemetery beautification project	IPWC Mr. Rowley is working with Treatment Services to identify veteran inmates currently part of the population. Treatment Services has reworked interview tools to better assist in IDing Veterans. When identified, IPWC Mr. Rowley will request to transfe
C&O Canal Trail @ Harpers Ferry	MCTC	Unk.	Trail riders must carry bikes up and down a spiral stair case to continue on at this point in the trail.	<i>IPWC Mr. Rowley toured the site and obtained photos of the spiral staircase and walkway of the river. The walkway appears to be fine. To make the spiral staircase user friendly to cyclist a collaborative effort with CSX, C&amp;O Canal, The National Park Ser</i>
Town of Smithsburg	MCTC	Unk.	Assist in painting a fence at the high school	<i>Fence painting has commenced and will continue until completed.</i>
Williamsport Gateway Signage	MCTC	Unk.	Provide Community Signage	<i>IPWC Mr. Rowley is making arrangements to transfer 13 cubes of bricks (6,500) to the town of Williamsport.</i>
Jessup Community Center	MCPRS	Unk.	They would like to develop user friendly entrance and new signage	IPWC Mr. Rowley provided Warden Filbert with the information and he is to contact the Center President Mr. Roger Grabinski.
Ft. Frederick State Park	MCTC	Unk.	Maintaining a 23 mile trail	IPWC Mr. Rowley discussed particulars with DNR Ben Sanderson. An assessment will be made to determine the feasibility of commencing this project.
Williamsport Sidewalk Project	MCTC	Unk.	Repair sidewalks Forming, pouring, finishing, etc.	Discussions have occurred and the logistics of the inmates working for the town of Williamsport while assisting the private vendor is in process. Awaiting

Williamsport Riverview Cemetery Restoration	MCTC	Unk.	Restoration of the Riverview Cemetery. Setting Stones, Cutting Grass and weed wacking etc.	Discussions have occurred and the logistics of the inmates working for the town of Williamsport while assisting the private vendor is in process. Awaiting feedback from Williamsport.
Town of Smithsburg	MCTC	Unk.	Develop 3 Town Entrance signs	IPWC Rowley has met with Smithsburg staff to review the locations on the new town signage. We await feedback from Smithsburg on development of this project. IPWC Mr. Rowley is developing a signage crew to travel to the various towns to perform this work
Henryton Center Deconstruction	Unk.	Unk.	Assist in the deconstruction of the old Henryton Complex	<b>DOC PIO recieved and inquire from the media on this project.</b> IPWC Mr. Rowley attending a meeting with multiple agencies to consider what inmate services can be provided with the deconstruction project. The next step will be to determine if the buildings
Thoroughbred Racing Foundation (TRF) project	CLF	3	DPSCS has established a Thoroughbred Retirement Farm Project in Sykesville to use inmate labor to care for horses.	Currently installing posts for the second pasture. About 90% complete. Gates and rails will be installed next. Anticipate the second pasture to be ready early August and a third pasture shortly there after.
Town of Sykesville	MCTC	Unk.	Constructing 4 Gateway Signs over next 5 years	IPWC Rowley is awaiting to be recontacted by Town Manager Mr. Candland regarding when they wish to commence.
DNR Work Camps	Unk.	Unk.	Performing of Parks beautification	IPWC Mr. Rowley met with DNR staff to discuss future projects. DNR expressed they could utilize inmate in numerous ways however due to funding availability it is their use will be limited. There will be a couple new projects that funding is available to
Mt. Calvary Church Renovation	Unk.	Unk.	Provide labor for the installation of floors, drywall and paint removal.	MOU has been submitted for review. We await notification from Mt. Calvary to commence work.
Baltimore City - Barclay Community	BCCC MTC	6	Ongoing - sending an MOU	Negotiating next steps

#### Reoccurring/Completed Projects

Dan's Rock	WCI	4	Bi-Annual Community Clean-up	Ongoing
LBC Day of Caring and	WCI	4	Annual Community Clean-up	Planted 500 plants and flowers in downtown Cumberland grown at WCI. This is
Allegany Garden Club	WCI	5	Community Beautification	Grow flowers in our greenhouse and then plant in the community annually
Allegany County Highland Trails	WCI	4	Annual Community Clean-up	Planted trees and shrubs on June 5th. In addition during this date, tents and tables were set up for a community event. This is an annual project.
MDA - "Tax Ditches"	PHPRU	5	Removal of trees, logs, and material from drainage ditches	First location on Shore completed to satisfaction and await future sites.
MES Poplar Island	MCE/	10	Planting of Shoreline Grasses	Inmates planted 20,000 S. Alterniflora and constructed goose fencing
MES Coaches Island	MCE/ EPRU/ MCTC	10 - those from	Growing and planting of Shoreline Grasses	Inmates will planted 8,000 S. Patens and 8,000 S. Alterniflora as well as 3,500 beach grasses and 216 shrubs for erosion control. Goose and deer fencing were installed.
Deep Creek Park	WCI	6	Installation of storage boxes to prevent bears from going after campers food.	We have installed the 50 bear proof food storage containers much to the satisfaction of staff at Deep Creek.
Dorchester School Cross Country Track	PHPRU	Unk.	Clear debris from track and assist in smoothing surface for a fall invitational they are hosting.	This project was completed this week and the School is delighted with how much work was accomplished and how well the work was done. They will now be able to hold there track invitational this fall.
New Germany State Park Roofing Project	WCI	3 to 4	Removing and replacing shingles on two maint. Buildings working two days a week for 3 to 4 weeks.	This project was completed this week and the DNR staff overseeing the roofing project were very complimentary of how hard the inmates worked and the quality of the work.

Baltimore City Mayor's Clean-up	BCCC	6	Community clean-up efforts	Worked with Baltimore City to clean up neighborhoods close to MTC
Rosewood State Hospital	CLF	12	Clean out 12 buildings on the Hospital campus	This project is now 100% completed
Town of Smithsburg	MCTC	Unk.	Clearing downed limbs etc from the Veterans Park woods, planting wild flowers and construction of new Smithsburg Town signs.	Cleanup of Veteran Park is complete and Smithsburg personnel are delighted. Before and after pics are available.
Montgomery County - Habitat for Humanity	TBD	TBD	Transportation of building material and training inmates	Complete
W. MD Railway Station	WCI	Unk.	Clearing High weeds so visitors can see the river	Park Service moved project to the weekend which made it impossible for us to provide assistance without OT.
Spring Hill Cemetery Easton	EPRU	8	Cemetery beautification project	Revisited a prior project to assist the cemetery in an annual cleanup.
City of Hagerstown	MCTC	Unk.	Cleaning and painting stairwells in city parking garage.	City of Hagerstown Tier garage decided to utilize summer help.
Mt. Pleasant Cemetery (Mt. Olive Church Cemetery)	BCCC/MT C	6	Removal of tree debris and other debris from the perimeter of the cemetery. Possible restanding of marker stones.	Project is completed and the church is very pleased. Before and after pics are available.
Spring Hill Cemetery -	EPRU	6	Cemetery beautification project	Clear brush, trees, and other growth to restore cemetery
Bay Blues Festival	TBC	15	Clean-up after festival at Sandy Point State Park	Clean grounds after Bay Blues Festival

Avg. Daily Number of Inmates working outside in the community this week 464.