



# BAYSTAT

REPORTING PERIOD: DECEMBER 2008

**Leadership Team**

Agriculture: Roger L. Richardson  
 Environment: Secretary Shari T. Wilson  
 Natural Resources: Secretary John Griffin  
 Planning: Secretary Richard Hall



	<b>Cover Crop Summary</b>								
	<b>FY07</b>			<b>FY08</b>			<b>FY09</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>	1550	454,881	\$17,224,217	1782	336,800	\$13,242,947	1959	398,225	\$20,345,344.55
<b>Approvals</b>	1520	290,000	\$12,253,594	1,529	303,364	\$12,462,012	1,946	387,022	\$19,997,443.55
<b>Fall Certification</b>	1212	243,995	na	1223	203,497	\$7,745,291	1593	237,144	\$11,185,373.00
<b>Spring Payment</b>	1178	238,674	\$7,616,982	1180	187,479	\$6,733,397			



# BAYSTAT

## REPORTING PERIOD: DECEMBER 2008

<b>Chesapeake Bay Habitat Health Report Card</b>						
	Water Clarity		Chlorophyll a		Dissolved Oxygen	
	2006	2007	2006	2007	2006	2007
<b>Choptank</b>	20.0	30.0	65.0	46.0	82.0	80.0
<b>Mid Bay</b>	9.0	14.0	16.0	28.0	72.0	74.0
<b>North Bay</b>	4.0	5.0	19.0	9.0	62.0	66.0
<b>North East tribs</b>	6.0	8.0	31.0	45.0	80.0	
<b>North West tribs</b>	3.0	21.0	22.0	25.0	79.0	77.0
<b>Patapsco</b>	4.0	35.0	10.0	32.0	83.0	81.0
<b>Patuxent</b>	5	0.0	41.0	33.0	88.0	92.0
<b>Potomac</b>	0.0	0.0	0.0	0.0	52.0	57.0
<b>South East</b>	9.0	8.0	27.0	56.0	100.0	100.0
<b>South West tribs</b>	0.0	4.0	0.0	15.0	49.0	48.0

<b>Chesapeake Bay Habitat Health Report Card (continued)</b>						
	Phyto-plankton Community		Bethic Community		Biotic Index	
	2006	2007	2006	2007	2006	2007
<b>Choptank</b>	9.0	17.0	11.0	48.0	9.0	25.0
<b>Mid Bay</b>	69.0	79.0	23.0	11.0	35.0	33.0
<b>North Bay</b>			68.0	72.0	57.0	67.0
<b>North East tribs</b>			39.0	18.0	35.0	24.0
<b>North West tribs</b>			25.0	78.0	31.0	75.0
<b>Patapsco</b>	0.0	10.0	14.0	83.0	9.0	32.0
<b>Patuxent</b>	20.0	3.0	20.0	28.0	18.0	13.0
<b>Potomac</b>	25.0	22.0	12.0	24.0	31.0	35.0
<b>South East</b>			66.0	29.0	45.0	26.0
<b>South West tribs</b>			14.0	10.0	25.0	18.0

<b>Chesapeake Bay Habitat Health Report Card (continued)</b>						
	Bay Grasses		Water Quality Index		Bay Habitat Health Index	
	2006	2007	2006	2007	2006	2007
<b>Choptank</b>	8.0	10.0	32.0	49.0	21.0	37.0
<b>Mid Bay</b>	14.0	10.0	32.0	39.0	34.0	36.0
<b>North Bay</b>	66.0	87.0	56.0	52.0	56.0	59.0
<b>North East tribs</b>	32.0	23.0	44.0	41.0	35.0	33.0
<b>North West tribs</b>	38.0	73.0	45.0	55.0	38.0	65.0
<b>Patapsco</b>	11.0	2.0	17.0	19.0	13.0	26.0
<b>Patuxent</b>	14.0	9.0	28.0	27.0	23.0	20.0
<b>Potomac</b>	54.0	59.0	39.0	42.0	35.0	39.0
<b>South East</b>	24.0	23.0	44.0	42.0	45.0	34.0
<b>South West tribs</b>	37.0	23.0	16.0	23.0	21.0	20.0



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

	REPORTING PERIOD						YEAR TO DATE	
	07/07-9/07	10/07-12/07	01/08-03/08	04/08-06/08	07/08-09/08	10/08-12/08	Average	Minimum
Total Expenditures	\$77,508	\$353,874	\$456,814	\$1,933,636	\$1,488,113		<b>\$861,989</b>	<b>\$353,874</b>
Revenues	\$51,701	\$5,271,071	\$1,823,554	\$1,342,743	\$572,206	\$6,235,760	<b>\$2,549,506</b>	<b>\$51,701</b>
New Installations	35	51	94	104	93	119	<b>83</b>	<b>35</b>
New Installations - Critical Area	23	27	74	38	0	61	<b>37</b>	<b>0</b>
New installations - MDE Direct	11	12	6	22	37	69	<b>26</b>	<b>6</b>
Expenditures - MDE Direct	\$72,308	\$192,398	\$45,288	\$166,956	\$530,441		<b>\$201,478</b>	<b>\$45,288</b>
New Grants Awarded (\$)	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>	<b>0</b>
# of Counties Enrolled	10	10	10	14	14	0	<b>10</b>	<b>0</b>

Responsible Agency: MDE

Updated: October 08

Next Update: January 09



**BAYSTAT**  
**WASTEWATER TREATMENT PLANTS ENHANCED NUTRIENT REMOVAL**  
**REPORTING PERIOD: JANUARY 2009**

	Est. Lbs/Year Nitrogen Reduction from 2006 load @2015 flow & TN of 3	Est. Lbs/Year Nitrogen Design Flow Reduction*	Upgrade Includes BNR	Start Date Planning	Start Date Design	Start Date Construction	Target Date Construction Complete	Actual Date Construction Complete	Remark	
Aberdeen	4,731	60,000	No	Complete	9/1/2008	4/1/2009	4/1/2011		City has initiated the design	
Annapolis	51,836	197,000	No	Complete	8/15/2008	1/5/2010	1/1/2012		Anne Arunedel County provided a new schedule	
APG-Aberdeen	6,420	127,000	Yes	Complete	Complete	Complete	Complete	3/14/2006	Completed by the US Army	
Back River	2,213,612	2,741,000	No	8/1/2005	6/1/2009	11/1/2010	11/1/2013		A pilot study for the denitrification filter has been initiated	
Ballenger Creek	61,813	274,000	No	Complete	11/30/2006	4/15/2009	12/1/2012		Final design to be submitted to MDE in Feb. 09	
Blue Plains (MD PORTION)	891,432	2,591,640	Yes	11/1/2003	7/1/2009	9/1/2011	6/1/2015		WSSC provided a new schedule	
Bowie	11,351	50,000	No	Complete	9/1/2007	4/1/2009	7/1/2010		Construction permit was issued and the project is being bid	
Broadneck	1,052	91,000	No	Complete	8/4/2008	10/31/2009	4/30/2012		Anne Arunedel County provided a new schedule	
Broadwater	2,791	30,000	No	9/1/2007	12/15/2009	2/17/2011	2/17/2013		Anne Arunedel County provided a new schedule	
Brunswick	24,346	63,000	Yes	Complete	Complete	Complete	Complete	9/15/2008	Completed	
Cambridge	706	123,000	No	12/1/2005	5/1/2009	5/1/2010	11/1/2011		Preliminary engineering is done. Discussing eligibility	
Celanese	8,816	91,000	Yes	Complete	Complete	Complete	Complete	11/2/2006	Completed with no significant delays	
Centreville	332	7,000	No	Land Application.	ENR may not be required. Facility meeting TMDL limits					Meets ENR at current flow - project is low priority
Chesapeake Beach	(586)	22,000	No	Complete	9/30/2007	10/15/2009	1/30/2011		Design is delayed - To follow up with the town	
Chestertown	9,989	68,000	Yes	Complete	Complete	Complete	Complete	6/17/2008	Final inspection was done-operational optimization is underway	
Conococheague	29,533	62,000	No	1/16/2007	12/30/2009	5/15/2010	12/30/2011		County is evaluating expansion. Delays are possible	
Cox Creek	140,116	228,000	No	Complete	3/28/2008	8/1/2009	6/30/2011		Phase I design is complete - Next: starting construction	
Crisfield	23,114	45,000	Yes	Complete	Complete	5/9/2005	8/30/2009		Change order for corrective action is being issued	
Cumberland	188,896	228,000	No	Complete	2/28/2007	4/15/2009	12/15/2010		Delays in bidding, but it should be completed on schedule	
Damascus	10,154	22,000	No	Complete	5/1/2007	2/1/2010	12/31/2011		One year delay - Will include compliance shedule in permit	
Delmar	16,385	38,000	Yes	Complete	9/1/2006	4/1/2009	2/1/2011		Final design was approved by MDE	
Denton	1,127	12,000	No	Complete	1/1/2009	3/15/2010	9/30/2011		Desing has been initiated	
Dorsey Run	(709)	30,000	No	7/15/2006	MDE confirmed that the facility is meeting ENR without an upgrade					Facility will continue to be monitored
Easton	72,980	60,000	Yes	Complete	Complete	Complete	Complete	6/30/2007	ENR is in operation - Pending sludge related change order	
Elkton	87,577	139,000	Yes	Complete	Complete	7/17/2006	4/30/2009		Construction is behind schedule - Original completion 8/08	
Emmitsburg	3,377	11,000	Yes	10/30/2006	12/30/2009	12/30/2009	9/30/2011		MDE provided planning discharge permit for engineering study	
Federalsburg	16,153	34,000	Yes	Complete	Complete	1/16/2008	1/16/2010		Two-year construction is underway	
Frederick	95,842	121,000	No	8/30/2008	1/30/2010	6/1/2010	8/1/2012		City re-initiated planning to upgrade at existing design capacity	
Freedom District	42,422	53,000	No	5/16/2007	9/1/2009	12/1/2009	6/1/2011		Delays in planning - but construction may still start on time	
Fruitland	(981)	12,000	No	2/1/2009	2/1/2010	2/1/2011	12/1/2012		City is not cooperating - MDE will use the permit compliance	
Georges Creek	29,473	27,000	Yes	Complete	Complete	4/1/2008	3/1/2010		Construction is underway with no significant delay	
Hagerstown	112,113	121,000	No	Complete	Complete	11/26/2008	10/1/2010		Construction started	
Hampstead	21,000	41,000	Yes						Schedule is being developed by the county	



**BAYSTAT**  
**WASTEWATER TREATMENT PLANTS ENHANCED NUTRIENT REMOVAL**  
**REPORTING PERIOD: JANUARY 2009**

	Est. Lbs/Year Nitrogen Reduction from 2006 load @ 2015 flow & TN of 3	Est. Lbs/Year Nitrogen Design Flow Reduction*	Upgrade Includes BNR	Start Date Planning	Start Date Design	Start Date Construction	Target Date Construction Complete	Actual Date Construction Complete	Remark
Harve De Grace	14,789	34,000	Yes	Complete	Complete	7/9/2007	2/9/2010		Construction is underway with no significant delay
Hurlock	551	75,000	Yes	Complete	Complete	Complete	Complete	5/15/2006	Construction was completed as scheduled
Indian Head	14,224	22,000	Yes	Complete	Complete	Complete	Complete	12/30/2008	The ENR portion is substantially completed and in operation
Joppatowne	11,128	14,000	No	5/1/2005	1/30/2009	1/1/2010	7/1/2011		Project delays - to discuss a new schedule with the county
Kent Island	93,107	137,000	Yes	Complete	Complete	Complete	Complete	8/20/2007	Construction was completed as scheduled
La Plata	3,012	22,000	No	8/30/2007	7/30/2009	9/30/2010	3/30/2012		Town changed scope to complete ENR without expansion
Leonardtown	2,715	10,000	No	Complete	6/1/2010	11/1/2011	11/1/2013		MDE approved new schedule
Little Patuxent	52,371	380,000	No	Complete	11/30/2008	5/30/2009	2/28/2012		Design is underway with no significant delay
Marlay Taylor	26,755	91,000	No	9/6/2007	2/28/2009	5/30/2010	8/30/2012		METCOM provided a new schedule
Maryland City	3,492	38,000	No	9/1/2007	4/1/2009	12/1/2009	9/1/2010		County agreed to this schedule - no delays are expected
Mattawoman	53,110	304,000	No	May achieve ENR as part of BNR upgrade (Completed on 11/8/2007)					BNR upgrade was completed - evaluating plant performance
Mayo	21,776	12,000	Yes	9/1/2006	9/1/2009	4/1/2010	3/1/2012		Delayed due to the new outfall location issue and public interest.
MCI	(2,041)	24,000	No	Plant meets ENR standards at current flow - Low priority project					To establish a schedule in 2010
Mt. Airy	7,300	18,000	No	Complete	11/1/2006	4/1/2009	1/1/2011		Design is being finalized
Northeast River	(2,865)	30,000	No	Meets nitrogen goals, but may need upgrade for phosphorus removal					Project is low priority
Parkway	5,434	114,000	No	Complete	8/30/2007	6/30/2009	7/30/2011		30% design is being reviewed by MDE
Patapsco	2,265,135	3,335,000	Yes	Complete	1/15/2006	6/1/2009	2/1/2013		The City found the expedited schedule to be not feasible.
Patuxent	(17,738)	114,000	No	9/1/2007	5/1/2009	5/1/2010	5/30/2011		County agreed to this schedule - no delays are expected
Perryville	11,009	25,000	Yes	Complete	Complete	8/1/2008	12/30/2009		Construction is underway with no significant delay
Piscataway	(55,219)	456,000	No	Complete	8/1/2007	6/1/2009	1/31/2010		30% design was reviewed and requested additional information
Pocomoke City	10,726	67,000	No	5/1/2006	2/1/2009	7/1/2010	6/1/2012		Tentative schedule - may change with ENR agreement
Poolesville	9,383	34,000	No	9/7/2007	4/15/2009	8/15/2009	12/30/2010		Design to start in 4/09 based on a meeting with the town
Princess Anne	2,529	19,000	No	4/1/2009	3/1/2010	3/1/2011	1/1/2013		Tentative schedule - may change with ENR agreement
Salisbury	401,479	388,000	Yes	Complete	Complete	Complete	Complete	12/16/2008	Construction is done - Operation is being optimized for ENR
Seneca	71,654	304,000	No	Complete	8/1/2007	12/1/2009	12/31/2011		30% design is being approved by MDE
Snow Hill	14,678	22,000	Yes	10/1/2008	10/15/2009	10/1/2010	10/1/2012		Town initiated new feasibility study independent from developer
Sod Run	230,841	304,000	Yes	5/10/2005	4/15/2009	5/1/2010	10/30/2012		Project delays - County stated that design will start by spring 09
St. Michaels	21,353	30,000	Yes	Complete	Complete	Complete	Complete	10/22/2008	Construction is completed
Swan Point	3,143	27,000	Yes	Complete	Complete	Complete	Complete	5/3/2007	Completed by a private developer
Taneytown	2,763	16,000	No	11/1/2008	6/1/2009	1/1/2011	12/1/2012		Compliance schedule will be established by the permit
Thurmont	1,839	15,000	No	Complete	12/15/2008	11/30/2009	7/30/2011		Project delays - but new schedule will work
Western Branch	(93,571)	456,000	No	Complete	2/28/2008	11/30/2009	12/30/2012		WSSC provided a new schedule
Westminster	11,046	76,000	No	5/1/2005	7/1/2009	7/1/2009	4/1/2011		Feasibility report was completed additional info being requested
Winebrenner	12,223	45,000	Yes	1/16/2007	7/1/2009	6/30/2010	5/30/2011		County is considering design flow reduction. Delays are possible

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

FACILITY	DESIGN	FLOW_AVE	TN_C	TP_C	TN_L	TP_L
BLUE PLAINS	370	308.22	5.68	0.08	5,333,641	74,409
MD portion	169	124.45	5.68	0.08	2,153,592	30,045



**BAYSTAT**  
**WATER MANAGEMENT ADMINISTRATION COMPLIANCE PROGRAM**  
**REPORTING PERIOD: FY 2005 - 2008**

	Discharge Permits				Erosion & Sediment Control			
	FY 2005	FY 2006	FY 2007	FY2008	FY 2005	FY 2006	FY 2007	FY 2008
<b>Sites / Facilities</b>								
# Permits issued	299	304	***1,577	***2,241	*1,352	**1,500	192	281
# Permits/Regulated Sites in Effect - Fiscal Year	3,094	3,170	4,432	7,886	18,414	19,034	18,227	21,307
<b>Inspections</b>								
# Sites Inspected	2,664	2,664	3,939	1,544	4,406	3,782	3,234	2,708
# Inspections / Audits / Spot Checks	*9,787	**9,256	9,521	9,049	8,415	8,001	6,546	6,000
<b>Compliance Profile</b>								
# Inspected Sites with Significant Violations	42	32	114	54	26	40	37	57
% Inspected Sites/Facilities In Significant Compliance	98%	99%	97%	98%	99%	99%	99%	98%
% Inspected Sites/Facilities Found With Significant Violations	2%	1%	3%	2%	1%	1%	1%	2%
Inspection Coverage Rate****	86%	85%	89%	20%	24%	20%	18%	13%
<b>Significant Violations</b>								
# Signif. Viols. -- Environmental or Health Impacts	34	27	100	45	7	14	22	18
# Signif. Viols. -- Technical/Preventive Deficiencies	8	5	14	9	20	34	22	40
# Signif. Viols. Carried Over Awaiting Disposition from Previous Year	73	54	31	41	11	20	16	24
Total	115	86	145	95	38	68	60	82
<b>Disposition of Significant Violations</b>								
Resolved	61	55	102	60	34	52	39	51
Ongoing	54	31	43	35	4	16	24	31
<b>Enforcement Actions</b>								
# Compliance Assistance Rendered	115	64	49	64	683	502	249	197
# Show Cause / Remedial / Corrective Action Issued	20	24	25	10	10	6	8	4
# Stop Work Orders	0	0	1	1	10	2	12	9
# Injunctions Obtained	3	3	4	1	0	0	0	1
# Penalty & Other Enforcement Actions	45	71	104	61	25	24	35	46
# Referrals to Atty. Gen. For Possible Criminal Action	0	0	0	1	0	0	0	0
<b>Penalties</b>								
Amt. Of Administrative or Civil Penalties Obtained	<b>\$434,521</b>	<b>\$1,351,044</b>	<b>\$488,149</b>	<b>\$481,911</b>	<b>\$186,930</b>	<b>\$234,010</b>	<b>\$268,408</b>	<b>\$248,932</b>

**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.

Responsible Agency: MDE

Updated: August 08

Next Update: August 09

**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



**BAYSTAT**  
**PROGRAM OPEN SPACE**  
**REPORTING PERIOD: NOVEMBER 2008**

<b>Program Open Space</b>	<b>FY09 (thru 01/07/09)</b>	<b>FY08</b>	<b>FY07</b>	<b>FY06</b>
New POS Cases	41	80	79	40
POS Cases Approved by BPW	14	19	24	7
POS Acquisition Costs	\$29,591,940.00	\$33,928,494	\$32,232,873	\$5,936,392
POS Acres Acquired	9,355	1,719	4,095	1,166
% of the acres acquired that are within the High Priority Conservation Area	98%	84%		
% of the acres acquired that are related to Water and Land Trails	8%	86%		

<b>Agricultural Easements</b>	<b>FY09 ()</b>	<b>FY08</b>	<b>FY07</b>	<b>FY06</b>
Ag Easements Approved by BPW		116	72	68
Ag Easements Acreage		15,286.64	8,596.70	8,482.60
Ag Easement Costs (millions)		\$90.98	\$54.9	\$22.9

<b>Rural Legacy</b>	<b>FY09 (thru 12/17/08)</b>	<b>FY08</b>	<b>FY07</b>	<b>FY06</b>
Dollars	\$9,476,395.29	\$22,723,668	\$8,865,720	\$6,345,277
Acres	2,292	4,798.01	1,823	1,575

<b>Maryland Environmental Trust</b>	<b>FY09 ()</b>	<b>FY08</b>	<b>FY07</b>	<b>FY06</b>
Number of Donated Easements		52	32	40
Donated Easement Acres		5,546.19	2,715.60	2,597.25
Number of Purchased Easements		3	1	2
Purchased Easement Acres		383.09	250.38	281.94
State Acquisition Cost of Purchased Easements		\$0.00	\$0.00	\$0.00
Total Number of MET Easements		55	33	42
Total MET Acreage		5,929.28	2,965.98	2,879.19

<b>TOTAL ACREAGE AMONG PROGRAMS</b>	11,647	<b>17,152.88</b>	<b>17,480.68</b>	<b>24,683.11</b>
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Responsible Agency: DNR

Updated: 11/24/08

Next Update: 12/15/08



**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**

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
<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: JANUARY 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*	64,602	31,397	33,205
<b>Total</b>	<b>522,533</b>	<b>327,927</b>	<b>194,606</b>

\*fy 09 1st & 2nd qtr  
Updated: 1/09  
Next Update: 4/09

**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	\$11,682.17	\$11,682.17	\$7,500.00	\$30,864.34
Carroll			\$1,891.49	\$1,891.49
Dorchester	\$19,264.56	\$19,264.56		\$38,529.12
Frederick			\$20,586.24	\$20,586.24
Garrett			\$10,009.23	\$10,009.23
Kent			\$3,556.26	\$3,556.26
Montgomery			\$15,000.00	\$15,000.00
Queen Anne's	\$1,308.72	\$1,308.72	\$5,541.43	\$8,158.87
Somerset	\$60,551.43	\$60,551.43		\$121,102.86
Talbot			\$3,628.04	\$3,628.04
Washington			\$15,614.29	\$15,614.29
Wicomico	\$105,404.17	\$105,404.17	\$5,360.04	\$216,168.38
Worcester	\$56,796.45	\$56,796.45		\$113,592.90
<b>TOTAL</b>	<b>\$255,007.50</b>	<b>\$255,007.50</b>	<b>\$90,532.81</b>	<b>\$600,547.81</b>

Responsible Agency:MDA  
Updated: 1/09  
Next Update: 4/09

**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		101,000	43,830	
Removed by Cover Crops	2,043,485	1,742,500	1,750,000	48,082	41,000	41,000
<b>Total</b>	<b>2,723,485</b>	<b>2,442,500</b>	<b>1,750,000</b>	<b>149,082</b>	<b>84,830</b>	<b>41,000</b>

Updated:12/07  
Next Update: 12/08



NUTRIENT MANAGEMENT PLAN COMPLIANCE	
	12/31/2008
Total Farms	5,902
NMPs Submitted	5,802
Outstanding	100
% Outstanding	2%
Implementation Reports Submitted	*
Outstanding	*
% Outstanding	2%
On-Farm Inspections Completed*	264
% of Farms receiving inspection*	4.55%

\*2 qtrs sly09  
 Updated: 1/09  
 Next Update: 4/09  
 \* 2008 Implementation Reports due 3/31/09

Year	Annual CREP Enrollment (acres)
2005	1,406
2006	1,019
2007	492
2008	784
2009	-300

Updated: 1/09  
 Next Update: 1/09  
 \*42 new contracts in FY2009, USDA database tracks contracts cumulatively

CREP ENROLLMENT (cumulative since 1997)	
	11/10/2008
Total Contracts	5,830
Total Acres	74,522.0

Updated: 22-Jan  
 Next Update: 18-Apr

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

	FY08*	FY07	FY06	FY05	FY04
<b>Agricultural Complaints</b>					
Inspections					
Status					
Closed	96	76	82	94	77
Compliance Assistance & Closed	6				
Enforcement Actions	4	2	0	3	0
Complaint Type					
Agronomic	52	29	28	26	21
Livestock	13	5	7	11	8
Manure	36	35	38	47	38
Odor	5	9	9	10	10

\*incomplete data available  
 Responsible Agency: MDA  
 Updated: 7/08  
 Next Update: 8/08



**BAYSTAT  
COVER CROPS  
REPORTING PERIOD: OCTOBER 2008**

	FY06			FY07			FY08			FY09		
	No.	Acres	Dollars	No.	Acres	Dollars	No.	Acres	Dollars	No.	Acres	Dollars
Applications	965	210,308	\$8,219,732.50	1550	454,881	\$17,224,217.30	1782	336,800	\$13,242,946.50	1959	398,225	\$20,345,344.55
Approvals	944	205,265	\$7,785,089.00	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	748	135,328	na	1212	243,995	na	1223	203,497	\$7,745,291.00	1593	237,144	\$11,185,373.00
Spring Payment	723	128,638	\$4,744,246.00	1178	238,674	\$7,616,982.30	1180	187,479	\$6,733,397.00			

**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			
Anne Arundel	16	1,875.00	\$98,645.00	11.00	412.50	\$19,105.00	13	754.99			
Baltimore	53	8,538.00	\$471,795.00	51.00	8,025.00	\$439,390.00	44	5,036.48			
Calvert	29	2,810.51	\$117,410.60	29.00	2,780.51	\$117,410.60	24	1,621.35			
Caroline	144	24,286.00	\$1,039,695.00	99.00	16,190.49	\$862,291.05	125	17,598.83			
Carroll	140	23,382.00	\$1,286,755.00	98.00	7,142.80	\$347,408.50	108	13,741.73			
Cecil	101	16,535.49	\$874,668.05	140.00	23,216.00	\$1,254,450.00	83	13,684.17			
Charles	38	7,198.20	\$353,063.50	144.00	24,354.00	\$1,040,970.00	32	3,929.19			
Dorchester	127	25,193.80	\$1,210,397.50	129.00	25,543.80	\$1,228,247.50	107	18,337.44			
Frederick & Catocin	260	44,986.07	\$1,872,093.55	256.00	43,556.47	\$1,800,428.55	215	18,734.36			
Garrett	11	665.00	\$40,915.00	11.00	665.00	\$40,915.00	8	484.34			
Harford	93	10,471.00	\$633,745.00	94.00	10,996.00	\$661,300.00	64	5,859.40			
Howard	24	2,201.14	\$111,526.90	23.00	2,193.74	\$108,504.90	18	1,279.48			
Kent	169	39,062.32	\$2,340,878.90	166.00	38,257.32	\$2,288,443.90	154	26,769.69			
Montgomery	49	18,340.00	\$928,050.00	49.00	18,490.00	\$928,050.00	43	7,183.92			
Prince George's	34	3,144.68	\$155,876.00	36.00	3,333.68	\$164,741.00	26	1,819.10			
Queen Anne's	151	33,962.70	\$1,798,698.50	151.00	33,287.70	\$1,775,048.50	123	17,928.45			
St. Mary's	71	13,852.00	\$613,475.00	67.00	8,897.14	\$443,780.05	59	6,368.91			
Somerset	68	8,945.94	\$447,044.05	72.00	13,882.00	\$614,375.00	52	7,991.65			
Talbot	123	47,913.20	\$2,394,605.00	120.00	41,533.20	\$2,304,310.00	108	31,565.34			
Washington	71	11,089.30	\$621,679.50	74.00	11,279.30	\$632,529.50	51	5,882.52			
Wicomico	90	21,455.47	\$1,145,027.00	88.00	21,101.47	\$1,127,867.00	68	13,430.17			
Worcester	86	31,924.50	\$1,790,197.50	80.00	29,964.50	\$1,697,072.50	61	16,951.13			
<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>			

**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 & Catocin	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>	<b>1,782</b>	<b>336,799.70</b>	<b>\$13,242,946.50</b>	<b>1,529</b>	<b>303,363.52</b>	<b>\$12,462,012.10</b>	<b>1,224.00</b>	<b>\$203,144.18</b>	<b>1,180</b>	<b>187,479</b>	<b>\$6,733,397</b>



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	4,867.30	\$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 & Catocin	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>