

SOIL CONSERVATION DISTRICT

MISSION AND SERVICES

Mission - The Soil Conservation District provides grading and sediment control, agricultural landowner assistance and rural land preservation services to the citizens and residents of the County in order to protect the County's soil and water resources.

The District's mission supports accomplishing the countywide vision by:

- Working for a clean environment

Core Services -

- Grading and sediment control services
- Agricultural landowner assistance services
- Rural land preservation services

Note – Soil Conservation's expenditures are recovered from non-General Funds

SERVICE DELIVERY PLAN AND PERFORMANCE

GOAL 1 - To provide urban grading and sediment control planning services to the County's citizens and residents in order to protect the County's water quality.

Objective 1.1 – Increase the pounds of pollutants (nitrogen and phosphorus) not deposited into County's water from urban sources from 69,299 in FY 2009.

Targets	Long Term Target Compared with Performance														
<ul style="list-style-type: none"> ▪ Short Term: By FY 2010 – 207,100 ▪ Intermediate Term: By FY 2013 – 250,000 ▪ Long term: By FY 2016 – 300,000 	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Long term target (FY 16):</div> <div style="border-top: 2px solid black; width: 100%;"></div> </div> <div style="margin-top: 10px;">300,000</div> <div style="margin-top: 20px; text-align: center;"> <table border="1" style="margin: 0 auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">FY 2007</td> <td style="padding: 2px 10px;">FY 2008</td> <td style="padding: 2px 10px;">FY 2009</td> <td style="padding: 2px 10px;">FY 2010</td> <td style="padding: 2px 10px;">FY 2011</td> </tr> <tr> <td style="padding: 2px 10px;">Actual</td> <td style="padding: 2px 10px;">Actual</td> <td style="padding: 2px 10px;">Actual</td> <td style="padding: 2px 10px;">Estimated</td> <td style="padding: 2px 10px;">Projected</td> </tr> </table> </div>					FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Actual	Actual	Actual	Estimated	Projected
FY 2007	FY 2008	FY 2009	FY 2010	FY 2011											
Actual	Actual	Actual	Estimated	Projected											

Performance Measures –

Measure Name	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Estimated	FY 2011 Projected
Resources (input)					
Number of staff reviewing plans	4	5	5	5	5
Workload, Demand and Production (output)					
Number of plans reviewed	2,171	1,960	1,486	1,400	1,500
Number of plans approved		526	457	500	575
Efficiency and Quality					
Average number of plans reviewed per employee	542.8	392.0	297.2	280.0	300.0
Average number of workdays required to review a plan	3.50	2.80	1.90	1.80	1.78
Impact (outcome)					
Pounds of pollutants (nitrogen and phosphorus) not deposited into the County's water based on all approved urban erosion and sediment control plans			69,299	138,199	207,099

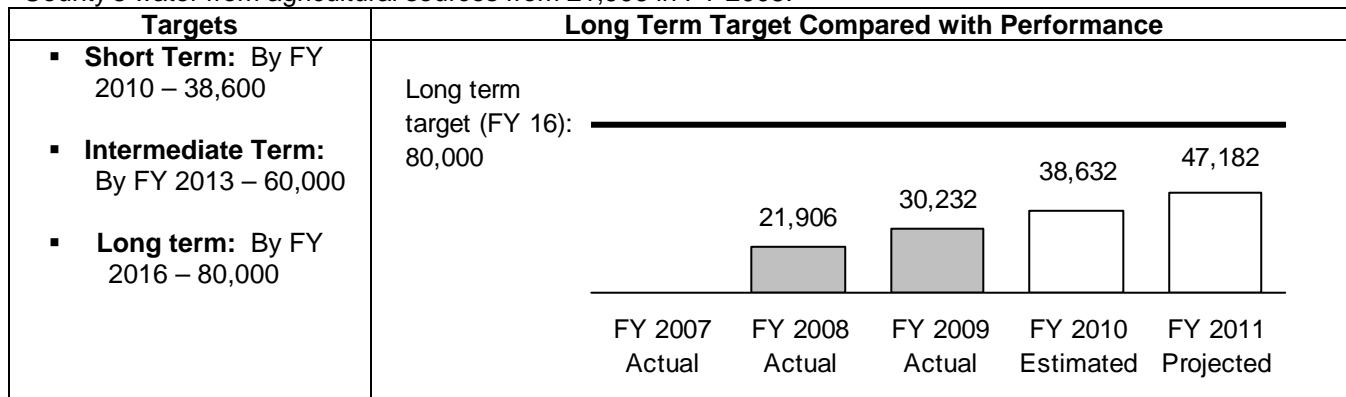
Performance Measures Explanation – In order to improve the County and State's water quality, the District reviews grading and sediment control plans. Reviewing these plans quickly with a high degree of quality allows sediment control plans to be implemented in a timely manner. The average number of workdays required to review a plan is faster than the District's standard of 10 days (refer to strategy 1.1.2). However, the new requirements from the State's stormwater management of 2007 will be implemented in 2010 and may impact processing times. FY 2007 and FY 2008 outcome measure data is unavailable.

Strategies to Accomplish the Objective –

- **Strategy 1.1.1** – Ensure staff have required technical certifications
- **Strategy 1.1.2** – Review all sediment and erosion control plans within the Board of Supervisor's standard of no more than 10 days
- **Strategy 1.1.3** – Work in partnership with our customers by providing them technical assistance
- **Strategy 1.1.4** – Work to accomplish the Chesapeake Water Quality goals

GOAL 2 - To provide agricultural assistance services to the County's citizens and residents in order to protect the County's water quality.

Objective 2.1 – Increase the anticipated pounds of pollutants (nitrogen and phosphorus) not deposited into the County's water from agricultural sources from 21,906 in FY 2008.



Performance Measures –

Measure Name	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Estimated	FY 2011 Projected
Resources (input)					
Number of staff implementing best management practices (BMPs)	4	4	4	4	4
Workload, Demand and Production (output)					
Number of BMPs installed	120	156	131	131	140
Number of plans completed		47	31	60	54
Efficiency and Quality					
Average number of BMPs installed per employee	30.0	39.0	32.8	32.8	35.0
Number of customer complaints received after BMP installation	0	0	0	0	0
Impact (outcome)					
Anticipated pounds of pollutants (nitrogen and phosphorus) not deposited into the County's water based on all implemented agricultural erosion and sediment control plans		21,906	30,232	38,632	47,182

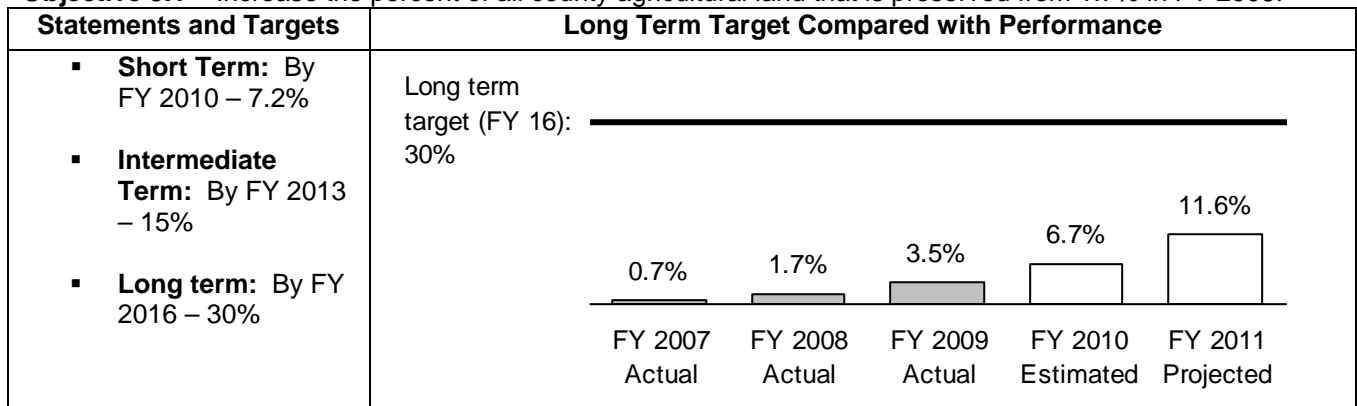
Performance Measures Explanation – A best management practice (BMP) is an engineering or agronomic practice that is designed to reduce soil erosion and/or improve water quality. The success installing BMPs is due in large part to farmer participation in the Maryland State Cover Crop Program and support from this agency in providing technical assistance. The above data is impacted by the weather as well as the farmer's ability to implement the State's cover crop program. FY 2007 outcome measure data is unavailable.

Strategies to Accomplish the Objective –

- **Strategy 2.1.1** – Partner with Maryland Department of Agriculture, USDA Natural Resource Conservation Service and county agencies
- **Strategy 2.1.2** – Work closely with agricultural land owners to mitigate water pollutants
- **Strategy 2.1.3** – Provide technical assistance to agricultural land owners
- **Strategy 2.1.4** – Utilize the appropriate BMP based on a review and evaluation of farmland and in discussion with the agricultural landowners
- **Strategy 2.1.5** – Work to accomplish the Chesapeake Water Quality goals

GOAL 3 – To provide rural land preservation assistance services to citizens and residents in order to protect agricultural land in the County.

Objective 3.1 – Increase the percent of all county agricultural land that is preserved from 1.7% in FY 2008.



Performance Measures –

Measure Name	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Estimated	FY 2011 Projected
Resources (input)					
Number of staff supporting enrollment of land into preservation programs	2	2	2	2	2
Workload, Demand and Production (output)					
Number of applications processed for the agricultural preservation program		26	24	20	20
Number of new agricultural acres approved for the program, pending purchase	2,746	195	1,238	500	500
Number of acres purchased in the County for easement/preservation	254	386	649	1,200	1,800
Efficiency and Quality					
Average number of applications processed per staff member		13.0	12.0	10.0	10.0
Impact (outcome)					
Number of acres protected countywide	254	640	1,289	2,489	4,289
Percent of all agricultural acres protected countywide	0.7%	1.7%	3.5%	6.7%	11.6%

Performance Measures Explanation – The Maryland Agricultural Land Preservation Foundation (MALPF) application process takes 18-24 months. If an application is taken near the middle of a fiscal year, due to the long process, the property may not be purchased until the next fiscal year. The first agricultural purchase did not occur until 2007. In some cases, FY 2007 data is unavailable.

Strategies to Accomplish the Objective –

- **Strategy 3.1.1 –** Ensure citizen participation through public outreach
- **Strategy 3.1.2 –** Partner with Maryland Agricultural Land Preservation Foundation and county agencies