

**Harford Soil Conservation District**

**Agricultural Phase II Watershed Implementation Plan**

<b>BMPs to be Implemented Annually</b>	<b>Unit</b>	2010	2011	2012	2012 Annual Milestone	% toward Milestone	2013	2013 Annual Milestone	% toward Milestone	2014	2014 Annual Milestone	% toward Milestone	2015	2015 Annual Milestone	% toward Milestone
Conservation Tillage	Acres/Year	-	-	28,327.99	26,496.00	107%	26,645.78	26,496.00	101%	28,032.20	26,510.85	106%	25,300	26,510.85	95%
Cover Crop	Acres/Year	5,358.55	11,460.20	10,491.00	10,045.13	104%	10,491.00	10,045.13	104%	13,471.30	10,922.51	123%	14,909	10,922.51	136%
Cropland Irrigation Management	Acres/Year	-	-	209.00	423.00	49%	344.20	423.00	81%	335.00	423.00	79%	288	423.00	68%
Dairy Manure Incorporation	Acres/Year	-	-	1,150.00	285.71	403%	1,749.00	285.71	612%	1,966.00	742.86	265%	2,898	742.86	390%
Decision Agriculture	Acres/Year	-	-	2,369.00	10,098.51	23%	10,980.00	10,098.51	109%	13,746.00	15,133.13	91%	-	15,133.13	0%
Enhanced Nutrient Management	Acres/Year	4,401.00	8,754.00	15,239.00	4,057.07	376%	5,701.00	4,057.07	141%	4,107.00	4,854.25	85%	-	4,854.25	0%
Manure Transport	Tons/Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Management	Acres/Year	29,666.00	28,733.00	11,356.00	9,465.85	120%	11,897.00	9,465.85	126%	15,105.00	5,021.74	301%	34,986	5,021.74	697%
Nutrient Management on Pasture	Acres/Year	-	-	-	12,020.11	0%	5,666.00	12,020.11	47%	4,701.00	12,020.11	39%	-	12,020.11	0%
Poultry Litter Incorporation	Acres/Year	-	2,000.00	1,011.00	-	-	508.00	-	-	24.00	-	-	1,104	-	-
Poultry Litter Treatment	Operations/y	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil Conservation and Water Quality Plans	Acres/Year	32,415.20	35,851.00	38,218.80	36,424.38	105%	40,671.00	36,424.38	112%	41,164.40	40,843.22	101%	41,191.40	40,843.22	101%

<b>Additional BMPs to be Implemented</b>	<b>Unit</b>	2010	2011	2012	2013	2013 Milestone	% toward Milestone	2014	2015	2015 Milestone	% toward Milestone	2016	2017	2017 Goal	% toward Goal
Alternative Crop (327FE)	Acres	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barnyard Runoff Control (558)	Projects	10.00	4.00	13.00	5.00	15.00	120%	2.00	5.00	24.00	29%	1.00	-	63.00	63%
Forest Buffers (391)	Acres	13.00	-	4.76	9.79	5.71	255%	-	1.53	9.14	17%	-	-	24.00	121%
Grass Buffers (386, 390, 393, 412)	Acres	2.80	3.00	5.10	5.40	4.86	216%	1.70	1.84	7.77	46%	0.25	-	20.40	98%
Horse Pasture Management (512)	Acres	-	2.80	-	-	7.86	0%	-	-	7.86	0%	-	-	33.00	8%
Land Retirement (327, 342)	Acres	39.00	21.80	31.90	5.20	13.73	270%	10.90	6.80	21.97	81%	0.10	-	57.66	201%
Livestock Heavy Use Area Protection (561)	Acres	0.20	1.12	1.80	1.40	1.86	172%	1.12	0.71	2.97	62%	-	-	7.80	81%
Livestock Waste Storage Facilities (313)	Projects	-	3.00	2.00	3.00	2.00	250%	3.00	1.00	3.50	114%	1.00	-	9.00	144%
Mortality Composters (316, 317, 318)	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non Urban Stream Restoration (580A)	Linear Feet	-	-	64.00	1,304.00	285.71	479%	2,575.00	2,326.00	457.14	1072%	4,159.00	-	1,200.00	869%
Nursery and Greenhouse Runoff Capture and Reuse	Acres	-	-	2.00	3.30	21.23	25%	3.50	3.00	11.89	55%	-	-	45.00	26%
Off Stream Watering without Fencing (614)	Acres	250.00	275.00	300.00	275.00	121.43	474%	200.00	75.00	194.29	142%	125.00	-	510.00	294%
Phosphorus Sorbing Materials in Ag Ditches	Acres	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry Heavy Use Area Concrete Pads (561)	Acres	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry Waste Storage Facilities (313)	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Precision Intensive Rotational Grazing	Acres	-	-	-	-	21.43	0%	-	-	34.29	0%	-	-	90.00	0%

<b>Additional BMPs to be Implemented</b>	<b>Unit</b>	2010	2011	2012	2013	2013 Milestone	% toward Milestone	2014	2015	2015 Milestone	% toward Milestone	2016	2017	2017 Goal	% toward Goal
Prescribed Grazing (528)	Acres	30.20	6.90	63.00	-	142.86	44%	-	-	228.57	0%	-	-	600.00	17%
Shoreline Erosion Control (580B)	Linear Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stream Access Control with Fencing (382A, 382B, 382C)	Acres	-	0.50	0.66	1.75	28.57	8%	4.07	0.60	45.03	10%	1.31	-	118.63	7%
Vegetative Environmental Buffers on Poultry Operations	Acres	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Control Structures (Drainage Ditches) (587)	Acres	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wetland Restoration (646, 657, 658)	Acres	-	-	7.70	2.70	1.43	728%	1.30	-	1.43	91%	5.10	-	6.00	280%