

Cecil Soil Conservation District

Agricultural Phase II Watershed Implementation Plan

BMPs to be Implemented Annually	Unit	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	-	-	44,165.53	18,330.48	241%	42,894.30	18,330.48	234%	31,103.60	18,340.76	170%	29,621	18,340.76	162%
Cover Crop	Acres/Year	9,602.60	17,605.80	19,402.80	16,741.89	116%	19,402.80	16,741.89	116%	20,032.30	18,204.19	110%	20,552	18,204.19	113%
Cropland Irrigation Management	Acres/Year	-	-	1,160.00	1,122.00	103%	480.00	1,122.00	43%	376.50	1,122.00	34%	463	1,122.00	41%
Dairy Manure Incorporation	Acres/Year	-	-	917.00	428.57	214%	1,681.50	428.57	392%	2,144.30	1,114.29	192%	4,146	1,114.29	372%
Decision Agriculture	Acres/Year	-	-	8,999.00	14,515.93	62%	14,597.00	14,515.93	101%	17,871.00	20,991.99	85%	-	20,991.99	0%
Enhanced Nutrient Management	Acres/Year	5,022.00	8,659.00	10,149.00	5,831.77	174%	5,508.00	5,831.77	94%	4,233.00	6,977.66	61%	-	6,977.66	0%
Manure Transport	Tons/Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Management	Acres/Year	28,681.00	29,271.00	27,077.00	13,606.52	199%	7,338.00	13,606.52	54%	9,095.00	7,218.42	126%	36,242	7,218.42	502%
Nutrient Management on Pasture	Acres/Year	-	-	-	8,494.25	0%	4,872.00	8,494.25	57%	3,038.00	8,494.25	36%	-	8,494.25	0%
Poultry Litter Incorporation	Acres/Year	-	225.00	476.00	357.14	133%	150.00	357.14	42%	788.00	928.57	85%	618	928.57	67%
Poultry Litter Treatment	Operations/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil Conservation and Water Quality Plans	Acres/Year	37,162.30	32,834.00	39,356.70	34,484.21	114%	39,198.90	34,484.21	114%	39,728.90	38,667.67	103%	42,580.20	38,667.67	110%

Additional BMPs to be Implemented	Unit						2013 Milestone	% toward Milestone			2015 Milestone	% toward Milestone			2017 Goal	% toward Goal
		2010	2011	2012	2013				2014	2015			2016	2017		
Alternative Crop (327FE)	Acres	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barneyard Runoff Control (558)	Projects	2.00	3.00	3.00	8.00	4.00	275%		2.00	1.00	7.00	43%	5.00		18.00	133%
Forest Buffers (391)	Acres	20.60	6.50	4.60	22.70	6.04	452%		4.80	1.50	9.66	65%	-		25.37	239%
Grass Buffers (386, 390, 393, 412)	Acres	30.60	56.20	127.60	44.20	28.31	607%		80.40	3.35	45.30	185%	1.20		118.92	289%
Horse Pasture Management (512)	Acres	-	4.70	-	-	18.29	0%		-	24.40	18.29	133%	-		76.80	38%
Land Retirement (327, 342)	Acres	5.70	323.20	189.40	90.20	14.03	1993%		57.80	6.41	22.45	286%	1.20		58.92	1144%
Livestock Heavy Use Area Protection (561)	Acres	2.70	5.20	0.25	5.00	5.33	99%		0.39	1.02	8.53	17%	1.01		22.38	70%
Livestock Waste Storage Facilities (313)	Projects	2.00	1.00	4.00	1.00	2.00	250%		6.00	4.00	3.50	286%	2.00		9.00	222%
Mortality Composters (316, 317, 318)	Projects	-	-	2.00	-	-	-		-	-	-	-	-		-	-
Non Urban Stream Restoration (580A)	Linear Feet	-	167.00	-	358.00	185.71	193%		194.00	720.00	297.14	308%	-		780.00	184%
Nursery and Greenhouse Runoff Capture and Reuse	Acres	-	-	76.50	129.50	65.10	316%		69.50	31.00	36.45	276%			138.00	222%
Off Stream Watering without Fencing (614)	Acres	215.00	180.00	105.00	-	40.71	258%		115.00	105.00	65.14	338%	75.00		171.00	465%
Phosphorus Sorbing Materials in Ag Ditches	Acres	-	-	-	-	29.94	0%		-	-	29.94	0%	-		240.00	0%
Poultry Heavy Use Area Concrete Pads (561)	Acres	-	-	-	-	-	-		-	-	-	-	-		-	-
Poultry Waste Storage Facilities (313)	Projects	-	-	-	-	-	-		-	-	-	-	-		-	-
Precision Intensive Rotational Grazing	Acres	-	-	-	-	-	-		-	-	-	-	-		-	-

Prescribed Grazing (528)	Acres	2.00	1.00	-	-	57.10	0%	-	-	91.37	0%	-	239.84	1%
Shoreline Erosion Control (580B)	Linear Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Stream Access Control with Fencing (382A, 382B, 382C)	Acres	-	3.67	3.37	3.27	22.55	29%	2.25	-	35.91	6%	0.12	94.37	13%
Vegetative Environmental Buffers on Poultry Operations	Acres	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Control Structures (Drainage Ditches) (587)	Acres	130.00	182.00	104.00	208.00	57.14	546%	312.00	156.00	57.14	819%	52.00	238.00	481%
Wetland Restoration (646, 657, 658)	Acres	-	-	-	8.00	3.97	202%	-	0.50	3.97	13%	-	16.67	51%