

Caroline 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	-	-	71,949.20	88,668.71	81%	65,052.10	88,668.71	73%	74,352.00	88,718.41	84%	64,658	88,718.41	73%
Cover Crop	Acres/Year	14,737.01	30,895.37	36,516.50	33,483.77	109%	36,516.50	33,483.77	109%	34,738.50	36,408.37	95%	42,286	36,408.37	116%
Cropland Irrigation Management	Acres/Year	-	-	32,301.70	25,000.00	129%	25,150.20	25,000.00	101%	29,009.00	28,500.00	102%	32,683	28,500.00	115%
Dairy Manure Incorporation	Acres/Year	-	447.00	1,517.00	1,315.43	115%	1,196.60	1,315.43	91%	1,120.00	3,420.11	33%	2,347	3,420.11	69%
Decision Agriculture	Acres/Year	-	-	9,225.00	44,141.43	21%	25,974.00	44,141.43	59%	28,798.00	53,733.50	54%	-	53,733.50	0%
Enhanced Nutrient Management	Acres/Year	24,905.00	2,099.00	14,483.00	17,733.79	82%	4,461.00	17,733.79	25%	1,363.00	21,218.32	6%	-	21,218.32	0%
Manure Transport	Tons/Year	-	-	-	979.41	0%	-	979.41	0%	-	1,164.71	0%	-	1,164.71	0%
Nutrient Management	Acres/Year	53,146.00	75,793.00	51,294.00	41,376.01	124%	38,348.00	41,376.01	93%	30,831.00	21,950.46	140%	74,700	21,950.46	340%
Nutrient Management on Pasture	Acres/Year	-	-	-	3,653.74	0%	874.00	3,653.74	24%	547.00	3,653.74	15%	-	3,653.74	0%
Poultry Litter Incorporation	Acres/Year	297.10	9,208.00	16,949.80	7,142.86	237%	14,116.70	7,142.86	198%	19,847.60	18,571.43	107%	16,678	18,571.43	90%
Poultry Litter Treatment	Operations/Year	17.00	25.00	19.00	11.00	173%	7.00	11.00	64%	11.00	28.50	39%	2	28.50	7%
Soil Conservation and Water Quality Plans	Acres/Year	57,664.70	56,133.00	67,139.50	58,636.78	115%	64,889.90	58,636.78	111%	61,531.00	65,750.32	94%	61,908.10	65,750.32	94%

Additional BMPs to be Implemented	Unit	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	2.00	-	-	1.00	1.00	100%	1.00	-	2.50	40%	-	-	6.00	67%
Forest Buffers (391)	Acres	-	-	-	-	33.14	0%	-	-	53.03	0%	-	-	139.20	0%
Grass Buffers (386, 390, 393, 412)	Acres	6.40	34.80	72.40	20.76	5.57	1672%	19.40	10.67	8.91	337%	2.33	-	23.40	713%
Horse Pasture Management (512)	Acres	-	-	-	-	28.57	0%	-	-	28.57	0%	19.10	-	120.00	16%
Land Retirement (327, 342)	Acres	5.60	21.60	113.60	0.30	58.29	195%	20.70	4.45	93.26	27%	40.00	-	244.80	84%
Livestock Heavy Use Area Protection (561)	Acres	1.10	0.40	-	-	0.14	0%	-	0.10	0.23	44%	-	-	0.60	267%
Livestock Waste Storage Facilities (313)	Projects	-	-	-	-	1.00	0%	-	2.00	1.00	200%	-	-	3.00	67%
Mortality Composters (316, 317, 318)	Projects	3.00	5.00	6.00	5.00	4.00	275%	7.00	3.00	5.50	182%	2.00	-	15.00	207%
Non Urban Stream Restoration (580A)	Linear Feet	-	1,182.80	1,946.20	-	-	-	316.00	995.00	-	-	50.00	-	-	-
Nursery and Greenhouse Runoff Capture and Reuse	Acres	-	-	950.50	636.00	28.30	5605%	-	6.00	15.85	38%	-	-	60.00	2654%
Off Stream Watering without Fencing (614)	Acres	20.00	-	-	20.00	-	-	-	-	-	-	-	-	-	-
Phosphorus Sorbing Materials in Ag Ditches	Acres	-	-	-	-	36.68	0%	-	-	36.68	0%	-	-	294.00	0%
Poultry Heavy Use Area Concrete Pads (561)	Acres	2.90	2.38	5.30	4.40	3.86	251%	2.20	1.60	6.17	62%	1.70	-	16.20	126%

Additional BMPs to be Implemented	Unit	2010	2011	2012	2013	2013 Milestone	% toward Milestone	2014	2015	2015 Milestone	% toward Milestone	2016	2017	2017 Goal	% toward Goal
Poultry Waste Storage Facilities (313)	Projects	4.00	1.00	4.00	1.00	1.00	500%	5.00	5.00	1.00	1000%	1.00		3.00	700%
Precision Intensive Rotational Grazing	Acres	-	-	-	-	10.71	0%	-	-	17.14	0%	-		45.00	0%
Prescribed Grazing (528)	Acres	-	53.00	21.10	28.30	30.70	161%	-	-	49.13	0%	-		128.96	79%
Shoreline Erosion Control (580B)	Linear Feet	-	-	-	-	-	-	-	-	-	-	-		-	-
Stream Access Control with Fencing (382A, 382B, 382C)	Acres	-	-	-	-	2.85	0%	-	-	4.41	0%	-		11.67	0%
Vegetative Environmental Buffers on Poultry Operations	Acres	-	-	0.13	-	2.95	4%	-	5.73	4.78	120%			12.50	47%
Water Control Structures (Drainage Ditches) (587)	Acres	156.00	-	-	104.00	357.14	29%	52.00	104.00	357.14	44%	-		1,500.00	28%
Wetland Restoration (646, 657, 658)	Acres	-	11.00	3.30	-	146.83	2%	1.50	23.10	146.83	17%	182.20		616.67	36%