

Kent Soil Conservation District

Agricultural Phase II Watershed Implementation Plan

BMPs to be Implemented Annually	Unit					2012 Annual Milestone	% toward Milestone			2013 Annual Milestone	% toward Milestone			2014 Annual Milestone	% toward Milestone			2015 Annual Milestone	% toward Milestone
		2010	2011	2012				2013				2014				2015			
Conservation Tillage	Acres/Year	-	-	85,978.40	77,163.29	111%		82,262.80	77,163.29	107%		61,842.10	77,206.54	80%		64,598	77,206.54	84%	
Cover Crop	Acres/Year	25,961.10	45,023.70	45,236.10	37,669.25	120%		45,236.10	37,669.25	120%		45,266.20	40,959.42	111%		50,893	40,959.42	124%	
Cropland Irrigation Management	Acres/Year	-	-	8,897.00	7,899.00	113%		8,389.00	7,899.00	106%		10,039.90	7,899.00	127%		11,422	7,899.00	145%	
Dairy Manure Incorporation	Acres/Year	-	-	1,605.00	285.71	562%		2,445.00	285.71	856%		3,008.00	742.86	405%		5,425	742.86	730%	
Decision Agriculture	Acres/Year	-	-	25,011.00	17,353.02	144%		30,591.00	17,353.02	176%		31,813.00	30,279.26	105%		-	30,279.26	0%	
Enhanced Nutrient Management	Acres/Year	8,386.00	2,854.00	5,878.00	6,971.57	84%		1,857.00	6,971.57	27%		1,670.00	8,341.42	20%		-	8,341.42	0%	
Manure Transport	Tons/Year	-	-	-	-	-		-	-	-		-	-	-		-	-	-	
Nutrient Management	Acres/Year	57,881.00	70,869.00	55,767.00	16,265.87	343%		50,099.00	16,265.87	308%		27,559.00	8,629.23	319%		80,088	8,629.23	928%	
Nutrient Management on Pasture	Acres/Year	-	-	-	4,565.15	0%		1,499.00	4,565.15	33%		832.00	4,565.15	18%		-	4,565.15	0%	
Poultry Litter Incorporation	Acres/Year	-	2,717.00	9,938.00	2,272.73	437%		4,765.00	2,272.73	210%		10,397.50	5,909.10	176%		22,723	5,909.10	385%	
Poultry Litter Treatment	Operations/yr	-	-	-	-	-		-	-	-		-	-	-		-	-	-	
Soil Conservation and Water Quality Plans	Acres/Year	61,894.10	50,920.00	68,344.40	65,562.13	104%		70,140.80	65,562.13	107%		68,764.20	73,515.82	94%		60,441.50	73,515.82	82%	

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	208.00	82.20	41.00	-	85.71	48%	-	-	137.14	0%	-		360.00	92%
Barnyard Runoff Control (558)	Projects	-	2.00	6.00	4.00	2.00	500%	3.00	2.00	3.50	143%	-		9.00	189%
Forest Buffers (391)	Acres	-	-	-	3.60	1.43	252%	3.20	-	2.29	140%	-		6.00	113%
Grass Buffers (386, 390, 393, 412)	Acres	63.30	62.10	30.90	52.20	23.86	348%	50.70	13.38	38.17	168%	9.50		100.20	282%
Horse Pasture Management (512)	Acres	-	-	-	-	14.29	0%	-	-	14.29	0%	-		60.00	0%
Land Retirement (327, 342)	Acres	58.90	70.00	75.20	81.70	44.86	350%	10.00	137.10	71.77	205%	-		188.40	230%
Livestock Heavy Use Area Protection (561)	Acres	-	0.62	0.30	-	0.64	47%	1.11	1.10	1.03	215%	-		2.70	116%
Livestock Waste Storage Facilities (313)	Projects	-	3.00	4.00	-	1.00	400%	2.00	1.00	1.50	200%	-		4.00	250%
Mortality Composters (316, 317, 318)	Projects	-	-	-	-	-	-	-	-	-	-	-		-	-
Non Urban Stream Restoration (580A)	Linear Feet	-	-	-	-	-	-	-	-	-	-	-		-	-
Nursery and Greenhouse Runoff Capture and Reuse	Acres			30.00	723.00	566.09	133%	40.00	45.00	316.95	27%			1,200.00	70%
Off Stream Watering without Fencing (614)	Acres	-	15.00	-	-	4.29	0%	15.00	-	6.86	219%	-		18.00	167%
Phosphorus Sorbing Materials in Ag Ditches	Acres	-	-	-	-	-	-	-	-	-	-	-		-	-
Poultry Heavy Use Area Concrete Pads (561)	Acres	0.80	0.30	1.60	0.10	0.29	595%	0.20	-	0.46	44%	-		1.20	250%
Poultry Waste Storage Facilities (313)	Projects	-	-	-	-	-	-	-	-	0.50	0%	-		1.00	0%
Precision Intensive Rotational Grazing	Acres					28.57	0%		-	45.71	0%	-		120.00	0%

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
Prescribed Grazing (528)	Acres	196.60	-	-	-	57.14	0%	-	-	91.43	0%	-		240.00	82%
Shoreline Erosion Control (580B)	Linear Feet	-	-	-	-	142.86	0%	-	-	228.57	0%	-		600.00	0%
Stream Access Control with Fencing (382A, 382B, 382C)	Acres	-	-	-	-	6.12	0%	-	-	9.74	0%	-		25.60	0%
Vegetative Environmental Buffers on Poultry Operations	Acres	-	-	-	-	2.95	0%	-	-	4.78	0%	-		12.50	0%
Water Control Structures (Drainage Ditches) (587)	Acres	-	-	26.00	26.00	14.00	371%	52.00	-	14.00	371%	-		60.00	173%
Wetland Restoration (646, 657, 658)	Acres	11.00	12.60	4.80	52.10	15.25	373%	2.20	-	15.25	14%	-		64.07	129%