

Frederick 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	-	-	33,642.64	48,241.13	70%	53,540.97	48,241.13	111%	50,874.90	48,268.17	105%	57,645	48,268.17	119%
Cover Crop	Acres/Year	17,470.09	30,410.30	25,316.60	31,809.59	80%	25,388.80	31,809.59	80%	32,939.40	34,587.95	95%	33,335	34,587.95	96%
Cropland Irrigation Management	Acres/Year	-	-	1,068.00	500.00	214%	1,780.00	500.00	356%	953.00	500.00	191%	132	500.00	26%
Dairy Manure Incorporation	Acres/Year	217.46	890.00	3,398.00	319.00	1065%	4,821.60	319.00	1511%	24,182.00	829.40	2916%	28,833	829.40	3476%
Decision Agriculture	Acres/Year	-	-	6,745.00	32,851.31	21%	9,995.00	32,851.31	30%	14,118.00	48,821.35	29%	-	48,821.35	0%
Enhanced Nutrient Management	Acres/Year	10,907.00	28,825.00	33,974.00	13,197.99	257%	21,756.00	13,197.99	165%	14,428.00	15,791.28	91%	-	15,791.28	0%
Manure Transport	Tons/Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Management	Acres/Year	69,509.00	71,441.00	29,625.00	30,793.20	96%	52,979.00	30,793.20	172%	45,379.00	16,336.15	278%	83,261	16,336.15	510%
Nutrient Management on Pasture	Acres/Year	-	-	-	25,714.03	0%	10,605.00	25,714.03	41%	10,115.00	25,714.03	39%	-	25,714.03	0%
Poultry Litter Incorporation	Acres/Year	-	35.00	475.00	5.00	9500%	664.00	5.00	13280%	2,379.00	13.00	18300%	1,068	13.00	8215%
Poultry Litter Treatment	Operations/y	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil Conservation and Water Quality Plans	Acres/Year	57,613.20	67,212.00	69,068.80	87,336.25	79%	71,280.60	87,336.25	82%	72,976.00	97,931.49	75%	72,131.20	97,931.49	74%

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barneyard Runoff Control (558)	Projects	8.00	12.00	42.00	18.00	32.00	188%	13.00	10.00	51.50	45%	12.00	-	135.00	85%
Forest Buffers (391)	Acres	49.10	-	36.60	38.80	23.71	318%	32.10	60.60	37.94	244%	-	-	99.60	218%
Grass Buffers (386, 390, 393, 412)	Acres	119.70	4.90	51.20	39.97	23.14	394%	4.78	12.37	37.03	46%	6.90	-	97.20	247%
Horse Pasture Management (512)	Acres	5.10	-	-	-	8.14	0%	-	2.00	8.14	25%	-	-	34.20	21%
Land Retirement (327, 342)	Acres	164.10	183.00	157.00	96.30	17.14	1478%	76.02	170.37	27.43	898%	134.00	-	72.00	1362%
Livestock Heavy Use Area Protection (561)	Acres	1.02	1.47	2.06	3.48	7.00	79%	10.20	1.91	11.20	108%	1.44	-	29.40	73%
Livestock Waste Storage Facilities (313)	Projects	5.00	8.00	13.00	17.00	6.00	500%	13.00	11.00	9.00	267%	5.00	-	24.00	300%
Mortality Composters (316, 317, 318)	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non Urban Stream Restoration (580A)	Linear Feet	40.00	-	-	-	177.14	0%	-	28.00	283.43	10%	102.00	-	744.00	23%
Nursery and Greenhouse Runoff Capture and Reuse	Acres	-	-	-	1,841.20	7.08	26020%	-	1.00	3.96	25%	-	-	15.00	12281%
Off Stream Watering without Fencing (614)	Acres	300.00	260.00	300.00	600.00	314.29	286%	360.00	620.00	502.86	195%	220.00	-	1,320.00	202%
Phosphorus Sorbing Materials in Ag Ditches	Acres	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry Heavy Use Area Concrete Pads (561)	Acres	-	-	-	-	-	-	-	-	0.38	0%	-	-	0.75	0%

[illegible]