

ADAMS COUNTY - PHASE 3 WATERSHED IMPLEMENTATION PLAN

TECHNICAL APPENDIX

Attachment 1 - Agricultural Target Goals for Nutrient Reduction

Attachment 2 - Urban Target Goals for Nutrient Reduction

ADAMS COUNTY - AGRICULTURAL TARGET GOALS FOR NUTRIENT REDUCTION

Soil Health	Final	Description
High Residue Till	55,500	Acres Annually
Conservation Till	13,000	Acres Annually
Cover Crops	30,000	Acres Annually
Cover Crop with Fall Nutrients	10,000	Acres Annually
Prescribed Grazing	3,500	Total Acres
Soil Conservation/Water Quality Plans	101,000	Acres Annually
Manure Incorporation	10,000	Acres Annually
Nutrient Management	Final	
Nutrient Management Core N	104,000	Acres Annually
Nutrient Management Rate N	10,000	Acres Annually
Nutrient Management Time N	10,000	Acres Annually
Nutrient Management Core P	104,000	Acres Annually
Nutrient Management Rate P	10,000	Acres Annually
Nutrient Management Time P	10,000	Acres Annually
Riparian	Final	
Stream Restoration Ag (feet)*	10,000	New Linear Feet
Grass Buffer with Exclusion Fencing*	200	New Acres
Forrest Buffer with Exclusion Fencing*	100	New Acres
Grass Buffers*	1,000	New Acres
Forest Buffers*	500	New Acres
Saturated Buffers	??	
Wetland Restoration*	25	Acres
Other	Final	
Land Retirement to Open Space	1,500	New Acres
Forest Harvesting Practices	100%	
Waste Storage Facilities (Animal Units)*	4,000	New Animal Units
Barnyard Runoff Controls*	15	New Acres
Dairy Precision Feeding (Aus)	8,000	Total Dairy Cows Receiving Precision Feeding

ADAMS COUNTY - URBAN TARGET GOALS FOR NUTRIENT REDUCTION

Stormwater Management	Units	Adams County
Dry Detention Ponds	Acres treated	100
Retrofit Runoff Reduction	Acres treated	145
Bioswale	Acres treated	25
Rain gardens and bioretention	Acres treated	50
Riparian Buffers	Final	
Stream Restoration Urban	Linear Feet	3,750
Forest Buffer	Acres	16
Other	Final	
Permeable pavement	Acres	3
Tree planting	Acres	50
Street sweeping	Miles	109
Urban Nutrient Management Plans	Acres	?

Includes PRP data collected from Gettysburg Borough and Cumberland and Conewago Townships as well as additional activity in various municipalities other than MS4 designations.