

GOAL ANALYSIS

Centre County CAP - Scenario

Additional BMP

Implementation/Verification **Unit**

Agriculture Practices

Nutrient Application Management Core Nitrogen	74000 Acres
Nutrient Application Management Rate Nitrogen	2800 Acres
Nutrient Application Management Placement Nitrogen	1400 Acres
Nutrient Application Management Timing Nitrogen	1400 Acres
Nutrient Application Management Core Phosphorus	74000 Acres
Nutrient Application Management Rate Phosphorus	2800 Acres
Nutrient Application Management Placement Phosphorus	1400 Acres
Nutrient Application Management Timing Phosphorus	1400 Acres

Conservation Tillage	1000 Acres
High Residue Tillage	3000 Acres
Low Residue Tillage	Acres

Conservation + LowResidue + High Residue Tillage Acres

Cover Crop	0 Acres
Cover Crop with Fall Nutrients	14600 Acres
Commodity Cover Crop	Acres

Commodity + Cover Crop Acres

Off Stream Watering Without Fencing	1460 Acres
Pasture Alternative Watering	400 Acres
Prescribed Grazing	3520 Acres
Horse Pasture Management	50 Acres
Forest Buffers on Fenced Pasture Corridor	365 Acres in Buffers
Grass Buffers on Fenced Pasture Corridor	1100 Acres in Buffers

Pasture Management Composite Acres

Forest Buffers	1300 Acres in Buffers
Wetland Restoration	350 Acres
Wetland Creation	Acres
Wetland Enhancement and Rehabilitation	Acres
Land Retirement	26 Acres
Grass Buffers	850 Acres in Buffers
Tree Planting	Acres
Alternative Crops	Acres
Soil and Water Conservation Plan	60000 Acres
Crop Irrigation Management	Acres
Manure Incorporation	Acres
Agricultural Drainage Management	Acres
Capture & Reuse	Acres
Non Urban Stream Restoration	37600 Feet
Non Urban Shoreline Management	Feet

Livestock Waste Management Systems	7100 Animal Units
Poultry Waste Management Systems	1400 Animal Units

Livestock + Poultry Waste Management Systems Animal Units

Livestock Mortality Composting	Animal Units
Poultry Mortality Composting	Animal Units
Broiler Mortality Freezers	Dry Tons of Broiler Carcasses

Barnyard Runoff Control + Loafing Lot Management	16 Acres
Ag Stormwater Management	Acres Treated

Manure Transport Out Of Area	Dry Tons
Manure Transport Into Area	Dry Tons
Manure Treatment Technologies Out Of Area	Dry Tons
Manure Treatment Technologies Into Area	Dry Tons

Dairy Precision Feeding	0 Animal Units
Ammonia Emission Reductions (Litter Amendments)	Animal Units
Ammonia Emission Reductions (Biofilters)	Animal Units
Ammonia Emission Reductions (Lagoon Covers)	Animal Units

Urban/Suburban Practices

Unit

Runoff Reduction Performance Standard	1000 Acres Treated
Storm Water Treatment Performance Standard	300 Acres Treated
Wet Ponds & Wetlands	0 Acres Treated
Floating Treatment Wetlands	Acres Treated by Wet Pond
Dry Ponds	Acres Treated
Extended Dry Ponds	Acres Treated
Infiltration Practices	Acres Treated
Filtering Practices	Acres Treated
BioRetention	13 Acres Treated
BioSwale	Acres Treated
Permeable Pavement	Acres Treated
Vegetated Open Channel	Acres Treated
Urban Filter Strips	Acres Treated
Grey Infrastructure(IDDE)	0 Acres Treated
Impervious Disconnection	Acres Treated
Conservation Landscaping Practices	20 Acres Treated
Stormwater Management Composite	Acres Treated

Erosion and Sediment Control	Acres
Impervious Surface Reduction	8 Acres
Urban Forest Buffers	8 Acres in Buffers
Urban Grass Buffers	Acres in Buffers
Urban Tree Planting	3 Acres
Urban Forest Planting	200 Acres
Urban Nutrient Management	4000 Acres
Urban Stream Restoration	4805 Feet
Storm Drain Cleanout	Lbs of Sediment
Street Sweeping	151 Acres
Urban Shoreline Management	Feet

Septic Connections	Number of Systems
Septic Denitrification	Number of Systems
Septic Secondary Treatment	Number of Systems
Septic Effluent	Number of Systems
Septic Pumping	Number of Systems

Resource Practices

Unit

Forest Harvesting Practices	Acres
Abandoned Mine Reclamation	Acres
Dirt&Gravel Road E&S	200000 Feet
Oyster Aquaculture	Oysters Harvested
Oyster Reef Restoration	Acres

Non-Tidal Algal Flow-way
Tidal Algal Flow-way

Acres
Acres

Land Policy

Unit

Forest Conservation
Growth Management
Agricultural Conservation
DC Policy
Delaware Policy
Maryland Policy
Maryland Actions
Pennsylvania Policy
Virginia Policy
West Virginia Policy

2190 Acres
Acres
4100 Acres
Acres
Acres
Acres
Acres
Acres
Acres
Acres

