

**Schuylkill County Agriculture Best Management Practices (BMPs)
Proposed CAP Implementation Rates**

Best Management Practice	Amount	Units of Measure	Percent of Total Available Acres
Agriculture Compliance			
Soil Conservation and Water Quality Plans	33,000	Total Acres	~99%
Nutrient Management Core N	22,000	Total Acres	~60%
Nutrient Management Core P	10,200	Total Acres	25%
Barnyard Runoff Control	20	New Acres	~67%
Soil Health			
Tillage Management-High Residue	15,100	Acres/Year	50%
Tillage Management-Conservation	14,000	Acres/Year	~43%
Cover Crop Traditional	6,000	Acres/Year	N/A
Cover Crop Traditional with Fall Nutrients	9,700	Acres/Year	N/A
Cover Crop Commodity	500	Acres/Year	N/A
Pasture Alternative Watering	744	Total Acres	~19%
Prescribed Grazing	1,100	Total Acres	~37%
Expanded Nutrient Management			
Nutrient Management N Rate	5,000	Acres	~11%
Nutrient Management P Rate	5,000	Acres	~11%
Nutrient Management N Placement	5,000	Acres	~11%
Nutrient Management P Placement	5,000	Acres	~11%
Nutrient Management N Timing	5,000	Acres	~11%
Nutrient Management P Timing	5,000	Acres	~11%
Manure Storage Facilities			
Manure Storage Facilities	17,000	New AU's	94%
Dairy Precision Feeding			
Dairy Cow Precision Feed Management	1,800	Dairy Cow AU's	71%
Integrated System for Elimination of Excess			
Manure Transport out of Schuylkill County	3,942	Dry Tons/Year	N/A
Manure Treatment Technology in County	100	Dry Tons/Year	N/A
Mortality Composters	4	Systems	N/A
Agriculture Riparian Zone			
Forest Buffer	280	New Acres	N/A
Forest Buffer-Narrow	420	New Acres	N/A
Forest Buffer-Streamside with Exclusion Fencing	40	New Acres	N/A
Forest Buffer-Narrow with Exclusion Fencing	60	New Acres	N/A
Grass Buffer	110	New Acres	N/A
Grass Buffer-Narrow	190	New Acres	N/A
Grass Buffer-Streamside with Exclusion Fencing	20	New Acres	N/A
Grass Buffer-Narrow with Exclusion Fencing	30	New Acres	N/A

The agriculture BMP implementation rates provided above are based on a combination of state recommendations identified in the Chesapeake Bay Phase 3 Watershed Implementation Plan (WIP), engagements with local agencies and stakeholders, and the Schuylkill County Steering Committee.

Schuylkill County Stormwater Best Management Practices (BMPs) Proposed CAP Implementation Rates

Best Management Practice	Amount	Units of Measure	Percent of Total Available Acres
Urban/Developed Areas Riparian Zone			
MS4 Riparian Forest Buffers	2	New Acres	N/A
Non-MS4 Forest Buffers	18	New Acres	N/A
Woods and Pollinator Habitat			
Conservation Landscaping	100	New Acres	N/A
Urban Forest Planting	10	New Acres	N/A
Urban Tree Canopy			
MS4 Urban Tree Canopy	2	New Acres	N/A
Forest, Farm, and Natural Areas Conservation			
Farmland Conservation	9,000	Total Acres	N/A
Forest Conservation	4,500	Total Acres	N/A
Wetland Conservation	40	Total Acres	N/A
Stream and Wetland Restoration			
Urban Stream Restoration	14,000	New Linear Feet	N/A
Non-urban Stream Restoration	8,000	New Linear Feet	N/A
Wetland Restoration	60	New Acres	N/A
Wetland Creation	30	New Acres	N/A
Control Measures for Illicit Discharges			
Advanced Grey Infrastructure IDD&E Control	75	Acres Treated	<1%
Stormwater Control Measures			
Stormwater Performance Stds - RR	600	New Acres Treated	~2%
Stormwater Performance Stds - ST	100	New Acres Treated	<1%
Infiltration Practices	25	New Acres Treated	<1%
Bioretention/raingardens	25	New Acres Treated	<1%
Bioswales	50	New Acres Treated	<1%
Vegetated Open Channels	25	New Acres Treated	<1%
Industrial Stormwater			
Impervious Surface Reduction	0.40	Total Acres	N/A
Fertilizer Legislation			
Urban Nutrient Management	1,600	Total Acres	8%
Septic Systems			
Conventional Septic Denitrification	800	Systems	~5%
Septic System Connections	20	Systems	N/A
Septic System Pumping	4,000	Systems	~25%
Dirt & Gravel Road Program			
Driving Surface + Raising the Roadbed	5,000	New Linear Feet	N/A
Abandoned Mine Reclamation			
Abandoned Mine Reclamation	150	Acres	N/A

The stormwater BMP implementation rates provided above are based on the state recommendations identified in the Chesapeake Bay Phase 3 Watershed Implementation Plan (WIP), engagements with local agencies and stakeholders, and the Schuylkill County Steering Committee.