

Cumberland, PA

<i>Agriculture Practices</i>	Duration	Unit	2023 Progress	2022 CAP CAST Scenario	State Recommendati	New Goal
Nutrient Application Management Core Nitrogen	annual	Acres	22,283.9	81,424.3	87,315.0	72,000
Nutrient Application Management Rate Nitrogen	annual	Acres	847.9	17,796.6	13,811.3	45,000
Nutrient Application Management Placement Nitrogen	annual	Acres	847.9	17,010.0	17,264.1	18,000
Nutrient Application Management Timing Nitrogen	annual	Acres	2,019.9	17,010.0	19,335.8	19,000
Nutrient Application Management Core Phosphorus	annual	Acres	22,283.9	74,770.9	26,546.8	48,000
Nutrient Application Management Rate Phosphorus	annual	Acres	533.2	17,010.0	13,811.3	17,500
Nutrient Application Management Placement Phosphorus	annual	Acres	533.2	17,010.0	13,811.3	17,500
Nutrient Application Management Timing Phosphorus	annual	Acres	-	17,010.0	13,811.3	17,000
Conservation Tillage	annual	Acres	13,251.4	6,443.3	13,443.4	17,900
High Residue Tillage	annual	Acres	42,083.9	59,658.9	35,377.3	60,400
Low Residue Tillage	annual	Acres	6,960.1	5,564.5	-	13,000
Conservation + LowResidue + High Residue Tillage	annual	Acres	62,295.4	71,666.7	48,820.7	
Cover Crop	annual	Acres	8,855.3	36,940.0	7,248.0	40,000
Cover Crop with Fall Nutrients	annual	Acres	-	3,945.0	24,567.3	4,000
Commodity Cover Crop	annual	Acres	-	750.0	-	750
Commodity + Cover Crop	annual	Acres	8,855.3	41,635.0	31,815.3	
Pasture Alternative Watering	cumulative	Acres	3,417.0	1,056.7	1,918.4	4500
Prescribed Grazing	cumulative	Acres	2,120.9	1,005.9	4,920.2	4600
Horse Pasture Management	cumulative	Acres	-	-	-	
Pasture Management Composite	cumulative	Acres	5,537.9	2,062.6	6,838.6	

<i>Agriculture Practices</i>	Duration	Unit	2023 Progress	2022 CAP CAST Scenario	State Recommendati ons	New Goal
Forest Buffers	cumulative	Acres in Buffers	664.3	521.9	3,294.8	1500
Narrow Forest Buffers	cumulative	Acres in Buffers	28.2	-	-	
Forest Buffers on Fenced Pasture Corridor	cumulative	Acres in Buffers	5.0	-	721.1	17
Narrow Forest Buffers on Fenced Pasture Corridor	cumulative	Acres in Buffers	5.3	17.3	-	
Total Forest Buffers	cumulative	Acres in Buffers	702.8	539.2	4,015.9	
Grass Buffers	cumulative	Acres in Buffers	145.2	121.0	2,027.5	410
Narrow Grass Buffers	cumulative	Acres in Buffers	12.0	-	-	
Grass Buffers on Fenced Pasture Corridor	cumulative	Acres in Buffers	-	43.0	240.3	75
Narrow Grass Buffers on Fenced Pasture Corridor	cumulative	Acres in Buffers	11.9	6.4	7.6	
Total Grass Buffers	cumulative	Acres in Buffers	169.1	170.4	2,275.3	
Wetland Restoration	cumulative	Acres	144.4	88.7	201.7	170
Wetland Creation	cumulative	Acres	-	-	0.5	
Wetland Rehabilitation	cumulative	Acres	-	348.0	-	348
Land Retirement to Open Space	cumulative	Acres	810.8	1,026.7	1,251.5	1200
Land Retirement to Pasture	cumulative	Acres	111.6	-	-	110
Tree Planting	cumulative	Acres	803.6	782.2	90.5	850
Alternative Crops	cumulative	Acres	-	-	-	

<i>Agriculture Practices</i>	Duration	Unit	2023 Progress	2022 CAP CAST Scenario	State Recommendati ons	New Goal
Soil and Water Conservation Plan	cumulative	Acres	41,184.4	84,883.0	92,653.4	100,000
Crop Irrigation Management	cumulative	Acres	-	-	-	
Manure Incorporation	annual	Acres	-	-	-	
Agricultural Drainage Management	cumulative	Acres	594.3	323.0	363.7	600
Capture & Reuse	annual	Acres	-	-	-	
Non Urban Stream Restoration	cumulative	Feet	-	8,139.3	7,815.3	8,200
Non Urban Shoreline Management	cumulative	Feet	-	-	-	
		Animal				
Livestock Waste Management Systems	cumulative	Units	10,252.7	23,588.8	49,871.2	25,400
		Animal				
Poultry Waste Management Systems	cumulative	Units	36,601.1	39,239.0	43,923.7	40,000
		Animal				
Livestock + Poultry Waste Management Systems	cumulative	Units	46,853.8	62,827.9	93,794.9	
		Dead				
		Animal				
Livestock Mortality Disposal	cumulative	Units	-	-	-	
		Dead				
		Animal				
Poultry Mortality Disposal	cumulative	Units	1,952.9	2,133.4	2,131.9	2000
		Acres				
Barnyard Runoff Control	cumulative	Acres	84.3	172.9	171.5	175
Loafing Lot Management	cumulative	Acres	8.3	-	-	14
		Acres				
Ag Stormwater Management	cumulative	Treated	1.6	-	-	
Manure Transport Out Of Area	annual	Dry Tons	10,882.6	3,139.5	6,283.1	13000

<i>Agriculture Practices</i>	Duration	Unit	2023 Progress	2022 CAP CAST Scenario	State Recommendations	New Goal
Manure Transport Into Area	annual	Dry Tons	28,458.2	1,522.8	908.3	30000
Manure Treatment Technologies Out Of Area	annual	Dry Tons	-	-	-	
Manure Treatment Technologies Into Area	annual	Dry Tons	-	-	-	
		Animal				
Dairy Precision Feeding	annual	Units	-	-	18,950.1	
		Animal				
Ammonia Emission Reductions (Litter Amendments)	annual	Units	-	-	-	
		Animal				
Ammonia Emission Reductions (Biofilters)	cumulative	Units	-	-	-	
		Animal				
Ammonia Emission Reductions (Lagoon Covers)	cumulative	Units	-	-	-	
<i>Urban/Suburban Practices</i>	Duration	Unit	2023 Progress	CAP CAST Scenario	State Recommendations	
		Acres				
Runoff Reduction Performance Standard	cumulative	Treated	754.0	2,898.8	4,263.2	2200
		Acres				
Storm Water Treatment Performance Standard	cumulative	Treated	9.4	192.2	201.3	
		Acres				
Wet Ponds & Wetlands	cumulative	Treated	212.9	177.3	301.4	305
		Acres				
		Treated by Wet				
Floating Treatment Wetlands	cumulative	Pond	-	-	-	

<i>Urban/Suburban Practices</i>	Duration	Unit	2023 Progress	CAP CAST Scenario	State Recommendati ons	New Goal
		Acres				
Dry Ponds	cumulative	Treated	445.8	342.3	656.4	
		Acres				
Extended Dry Ponds	cumulative	Treated	797.1	188.1	234.2	850
		Acres				
Infiltration Practices	cumulative	Treated	144.2	47.0	9.7	160
		Acres				
Filtering Practices	cumulative	Treated	15.4	4.0	19.9	
		Acres				
BioRetention	cumulative	Treated	446.7	913.2	256.7	915
		Acres				
BioSwale	cumulative	Treated	27.2	1,699.0	694.6	1700
		Acres				
Permeable Pavement	cumulative	Treated	11.5	1.8	0.1	2
		Acres				
Vegetated Open Channel	cumulative	Treated	161.6	298.4	211.2	300
		Acres				
Urban Filter Strips	cumulative	Treated	0.2	4.0	-	4
		Acres				
Impervious Disconnection	cumulative	Treated	-	-	-	7
		Acres				
Conservation Landscaping Practices	cumulative	Treated	-	250.0	242.3	25
		Acres				
Stormwater Management Composite	cumulative	Treated	3,026.1	7,016.1	7,090.9	
		Acres				
Erosion and Sediment Control	annual	Acres	1,939.0	654.578	654.6	1950
Impervious Surface Reduction	cumulative	Acres	18.3	33.3	36.9	25
		Acres in				
Urban Forest Buffers	cumulative	Buffers	0.1	155.0	153.3	30
		Acres in				
Urban Grass Buffers	cumulative	Buffers	-	-	-	

<i>Urban/Suburban Practices</i>	Duration	Unit	2023 Progress	CAP CAST Scenario	State Recommendati ons	New Goal
Urban Tree Planting	cumulative	Acres	2.4	9.8	17.3	7
Urban Forest Planting	cumulative	Acres	-	250.0	235.7	25
Urban Nutrient Management	annual	Acres	-	4,000.0	4,121.9	
Urban Stream Restoration	cumulative	Feet	1,650.0	9,560.0	10,740.2	10000
		Lbs of				
Storm Drain Cleanout	annual	Sediment	-	116,356.0	12,557.9	116400
		Acres				
Grey Infrastructure Nutrient Discovery Program	annual	Treated	-	-	8,707.0	
		Lbs of				
Grey Infrastructure Nutrient Discharge Elimination	cumulative	Nitrogen	-	-	-	5
Street Sweeping	annual	Acres	-	2,319.5	37.7	1500
Urban Shoreline Management	cumulative	Feet	-	-	-	
		Number of				
Septic Connections	cumulative	Systems	1,304.0	1,304.0	-	
		Number of				
Septic Denitrification	cumulative	Systems	-	-	-	
		Number of				
Septic Secondary Treatment	cumulative	Systems	-	-	-	
		Number of				
Septic Effluent	cumulative	Systems	-	-	-	
		Number of				
Septic Pumping	annual	Systems	1,948.0	-	272.1	

<i>Resource Practices</i>	Duration	Unit	2023 Progress	CAP CAST Scenario	State Recommendati ons
Forest Harvesting Practices	annual	Acres	355.2	64.9	689.1
Abandoned Mine Reclamation	cumulative	Acres	-	-	-
Dirt&Gravel Road E&S	cumulative	Feet	37,942.8	42,072.2	133,444.1
Oyster Aquaculture	annual	Oysters Harveste d	-	-	-
Oyster Reef Restoration	annual	Acres	-	-	-
Non-Tidal Algal Flow-way	annual	Acres	-	-	-
Tidal Algal Flow-way	annual	Acres	-	-	-

400

43000

<i>Policy</i>	Duration	Unit	2023 Progress	CAP CAST Scenario	State Recommendati ons
Forest Conservation	cumulative	Acres	-	-	-
Growth Management	cumulative	Acres	-	-	-
Agricultural Conservation	cumulative	Acres	-	-	-
DC Policy	cumulative	Acres	-	-	-
Delaware Policy	cumulative	Acres	-	-	-
Maryland Policy	cumulative	Acres	-	-	-
Maryland Actions	cumulative	Acres	-	-	-
Pennsylvania Policy	cumulative	Acres	-	352,190.2	343,762.7
Virginia Policy	cumulative	Acres	-	-	-
West Virginia Policy	cumulative	Acres	-	-	-

Transportation Emission Reduction Policies

annual Lbs of
Nitrogen

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