

COUNTY:
Luzerne

Detailed BMP Entry Form

see "Input Info" tab for more information regarding BMP entry

Sector	BMP Name	BMP Quantity	Measurement Unit	New or Total Acres	Notes:
Septic	Septic Denitrification-Conventional	50	number of systems	New Acres	Planned - Education and maintenance to individual systems
Septic	Septic Pumping	1000	number of systems	New Acres	2022-2025 - Septic System pumping, per year
Agriculture	Water Control Structures	10	acres	New Acres	Underground outlets
Agriculture	Soil Conservation and Water Quality Plans	24,400	acres	New Acres	2022-2025 - Conservation Plans (24,400 acre Toolbox Recommendation) 25000 acres state game lands
Agriculture	Nutrient Management Core N	10200	acres	Total Acres	2022-2025 - Nutrient Management Core N Manure Acres (20400 acre Toolbox Recommendation) per year
Agriculture	Nutrient Management Core P	3500	acres	Total Acres	2022-2025 - Nutrient Management Core P Manure Acres (7,000 acre Toolbox Recommendation) per year
Agriculture	Nutrient Management N Rate	2850	acres	Total Acres	2022-2025 Nutrient Management (5700 acre Toolbox Recommendation)
Agriculture	Nutrient Management P Rate	2850	acres	Total Acres	2022-2025 Nutrient Management (5700 acre Toolbox Recommendation)
Agriculture	Nutrient Management N Placement	3550	acres	Total Acres	2022-2025 Nutrient Management (7100 acre Toolbox Recommendation)
Agriculture	Nutrient Management P Placement	2850	acres	Total Acres	2022-2025 Nutrient Management (5700 acre Toolbox Recommendation)
Agriculture	Nutrient Management N Timing	3950	acres	Total Acres	2022-2025 Nutrient Management (7900 acre Toolbox Recommendation)
Agriculture	Nutrient Management P Timing	2850	acres	Total Acres	2022-2025 Nutrient Management (5700 acre Toolbox Recommendation)
Agriculture	Barnyard Runoff Control	21	acres	New Acres	2022-2025 - Barnyard Runoff Control (5 acre Toolbox Recommendation) Runoff controls, raingutters, and Waste Storage Facilities
Agriculture	Tillage Management-Continuous High Residue	13300	acres	New Acres	2022-2025 - High Residue Tillage (12,200 acre Toolbox Recommendation Per Year)per year
Agriculture	Tillage Management-Conservation	5000	acres	New Acres	2022-2025 - Conservatiopn Tillage (4,600 acre Toolbox Recommendation per year)per year
Agriculture	Cover Crop Traditional Wheat Late Other	3200	acres	New Acres	2022-2025 - Traditional Cover Crop (2,800 acre Toolbox Recommendation per year) per year
Agriculture	Cover Crop Commodity Normal	3600	acres	New Acres	2022-2025 Cover Crops with Fall Nutrients (7,600 acre Toolbox Recommendation per year)
Agriculture	Cover Crop Traditional Annual Ryegrass Normal Drilled	10	acres	Total Acres	10 acres implemented
Agriculture	Cover Crop Traditional Annual Ryegrass Normal Drilled	50	acres	New Acres	50 Acres Planned
Agriculture	Precision Intensive Rotational/Prescribed Grazing	600	acres	Total Acres	2022-2025 - Prescribed Grazing (1,300 acres Toolbox Recommendation), Forage Harvest Management
Agriculture	Precision Intensive Rotational/Prescribed Grazing	70	acres	New Acres	Prescribed Grazing
Agriculture	Forest Buffer	410	acres	Total Acres	Implemented Individual Tree/shrub plantings. 100 tree/per acre, CREP
Agriculture	Forest Buffer	600	acres	New Acres	2022-2025 - Forest Riparian Buffers (1,200 acre Toolbox Recommendation)
Agriculture	Grass Buffer	10	acres	New Acres	2022-2025 - Grass Riparian Buffers (755 acre Toolbox Recommendation)
Agriculture	Grass Buffer	50	acres	Total Acres	2 Grassed Waterways designed, 1 implemented.
Agriculture	Land Retirement to Ag Open Space	800	acres	Total Acres	2022-2025 - Farmland Conservation (800 acre Toolbox Recommendation), pollinator habitat CNMP-Written, brush mngmt, 7 Total Diversions Designed, 5 were implemented, Early Successional Habitat Development/Management, strip cropping, crop rotation, contour farming
Agriculture	Soil Conservation and Water Quality Plans	2550	acres	Total Acres	Planned CTA, CNMP, E&S Plans, subsurface drains
Agriculture	Soil Conservation and Water Quality Plans	1600	acres	New Acres	Tree/shrub establishment
Agriculture	Tree Planting	5	acres	New Acres	Over two farms, 12 watering facilities will be installed, water well
Agriculture	Off Stream Watering Without Fencing	105	acres	New Acres	
Developed	Dirt & Gravel Road Erosion & Sediment Control - Driving Surface Aggregate + Raising the Roadbed	25350	feet	Total Acres	Improved road base, surface material other erosion controls, implemented
Developed	Dirt & Gravel Road Erosion & Sediment Control - Driving Surface Aggregate + Raising the Roadbed	21600	feet	New Acres	Improved road base, surface material other erosion controls, planned
Developed	Tree Planting - Canopy	50	acres	New Acres	2022-2025 - MS4 Riparian Forest Buffers (50 acre Toolbox Recommendation)
Developed	Tree Planting - Canopy	25	acres	New Acres	2022-2025 - Non-MS4 Forest Buffers (75 acre Toolbox Recommendation)
Developed	Tree Planting - Canopy	3	acres	New Acres	2022-2025 - Urban Tree Canopy (3 acre Toolbox Recommendation)
Developed	Conservation Landscaping Practices	150	acres	New Acres	2022-2025 - Conservation Landscaping (275 acre Toolbox Recommendation)
Developed	Filter Strip Runoff Reduction	10	acres	New Acres	Planned Riparian/Bank restoration
Developed	Advanced Sweeping Technology - 1 pass/8 weeks	550.96	miles	New Acres	2022-2025 - Road sweeping per year
Developed	Stormwater Performance Standard-Stormwater Treatment	12498.28	acres	New Acres	Basin Retrofit drainage
Developed	Impervious Surface Reduction	20	acres	New Acres	2022-2025 - Impervious Surface Reduction (20 acre Toolbox Recommendation)
Developed	Nutrient Management Plan	3400	acres	New Acres	2022-2025 - Urban Nutrient Management (3,400 acre Toolbox Recommendation)
Animals	Animal Waste Management System	1000	animal units	New Acres	2022-2025 - Manure Storage Facilities (2,300 AU Toolbox Recommendation)
Manure	Manure Transport	145	dry tons	New Acres	2022-2025 - Manure Transport out of Luzerne County (290 Dry Ton Toolbox Recommendation) per year
Natural	Forest Harvesting Practices	750	acres	Total Acres	2022-2025 - Forest Conservation (4,200 acre Toolbox Recommendation) per year
Natural	Wetland Enhancement	100	acres	Total Acres	2022-2025 - Wetland Conservation (300 acre Toolbox Recommendation)
Natural	Non Urban Stream Restoration	1500	feet	New Acres	2022-2025 - Non-urban Stream Restoration (10,900 LF Toolbox Recommendation)
Natural	Wetland Rehabilitation	10	acres	New Acres	Streambank stabilization
Natural	Urban Stream Restoration	21795	feet	Total Acres	2022-2025 - Wetland Restoration (50 acre Toolbox Recommendation)
Natural		100			Stream Bank Restoration
Natural					AML