

Applicable Enhancements by Resource Concern, Cause, and Land Use

Resource Concern	Resource Concern Cause	Enhancement Code	Full Enhancement Name	Crop (Annual and Mixed)	Crop (Perennial)	Pasture	Range	Forest	Associated Ag Land	Farmstead
AIR QUALITY IMPACTS	Emission of Greenhouse Gases (GHGs)	E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality – emissions of greenhouse gases (GHGs)	X	X					
AIR QUALITY IMPACTS	Emission of Greenhouse Gases (GHGs)	E612130Z	Planting for high carbon sequestration rate	X	X	X	X	X	X	X
AIR QUALITY IMPACTS	Emission of Greenhouse Gases (GHGs)	E666130Z	Increase on-site carbon storage					X	X	X
AIR QUALITY IMPACTS	Emissions of Ozone Precursors	E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	X	X	X				
AIR QUALITY IMPACTS	Emissions of Particulate Matter (PM) and PM Precursors	E329128Z	No till to reduce tillage induced particulate matter	X						
AIR QUALITY IMPACTS	Emissions of Particulate Matter (PM) and PM Precursors	E345128Z	Reduced tillage to reduce tillage induced particulate matter	X						
AIR QUALITY IMPACTS	Emissions of Particulate Matter (PM) and PM Precursors	E386128Z	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	X	X				X	
DEGRADED PLANT CONDITION	Excessive Plant Pest Pressure	E314134Z	Brush management that maintains or enhances wildlife or fish habitat			X	X	X		
DEGRADED PLANT CONDITION	Excessive Plant Pest Pressure	E315134Z	Herbaceous weed treatment for plant pest pressures that helps create desired plant communities and habitats consistent with the ecological site			X	X	X	X	
DEGRADED PLANT CONDITION	Excessive Plant Pest Pressure	E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	X						
DEGRADED PLANT CONDITION	Excessive Plant Pest Pressure	E328134R	Resource conserving crop rotation to relieve plant pest pressure	X						
DEGRADED PLANT CONDITION	Excessive Plant Pest Pressure	E340134Z	Cover crop to suppress excessive weed pressures and break pest cycles	X	X					
DEGRADED PLANT CONDITION	Excessive Plant Pest Pressure	E666134Z	Enhance development of the forest understory to create conditions resistant to pests					X		
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E314133Z	Brush management for improved structure and composition			X	X	X		
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E315133Z	Herbaceous weed treatment for inadequate structure and composition that helps create desired plant communities and habitats consistent with the ecological site				X	X		
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E381133Z	Silvopasture for wildlife habitat (structure and composition)			X				
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition			X			X	
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E512133Z2	Forage plantings that enhance bird habitat (structure and composition)			X			X	
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E528133Z1	Stockpiling cool season forage to improve structure and composition			X			X	
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E528133Z2	Grazing management for improving quantity and quality of plant structure and composition for wildlife			X	X		X	
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E612133X1	Adding food-producing trees and shrubs to existing plantings	X	X	X	X	X	X	X
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E612133X2	Cultural plantings			X	X	X	X	X
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E666133X	Forest Stand Improvement to rehabilitate degraded hardwood stands					X		
DEGRADED PLANT CONDITION	Inadequate Structure and Composition	E666133Z1	Creating structural diversity with patch openings					X	X	X
DEGRADED PLANT CONDITION	Undesirable Plant Productivity and Health	E315132Z	Herbaceous weed treatment that helps create desired plant communities and habitats consistent with the ecological site			X		X		

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DEGRADED PLANT CONDITION	Undesirable Plant Productivity and Health	E512132Z1	Forage and biomass planting that produces feedstock for biofuels or energy production	X	X					
DEGRADED PLANT CONDITION	Undesirable Plant Productivity and Health	E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health			X				
DEGRADED PLANT CONDITION	Undesirable Plant Productivity and Health	E528132Z1	Improved grazing management on pasture for plant productivity and health through monitoring activities			X				
DEGRADED PLANT CONDITION	Undesirable Plant Productivity and Health	E528132Z2	Stockpiling cool season forage to improve plant productivity and health			X			X	
DEGRADED PLANT CONDITION	Undesirable Plant Productivity and Health	E612132Z	Establishing tree/shrub species to restore native plant communities				X	X	X	
DEGRADED PLANT CONDITION	Undesirable Plant Productivity and Health	E643132X	Restoration of sensitive coastal vegetative communities				X	X		
DEGRADED PLANT CONDITION	Undesirable Plant Productivity and Health	E666132Z1	Crop tree management for mast production					X	X	X
DEGRADED PLANT CONDITION	Undesirable Plant Productivity and Health	E666132Z2	Reduce forest stand density to improve a degraded plant community					X		
DEGRADED PLANT CONDITION	Wildfire Hazard, Excessive Biomass Accumulation	E666135Z1	Reduce height of the forest understory to limit wildfire risk					X		
DEGRADED PLANT CONDITION	Wildfire Hazard, Excessive Biomass Accumulation	E666135Z2	Reduce forest density and manage understory along roads to limit wildfire risk					X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	X	X			X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E338137Z1	Sequential patch burning					X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E338137Z2	Short-interval burn					X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E381137Z	Silvopasture for wildlife habitat (cover and shelter)			X				
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E386137Z	Enhanced field borders to increase wildlife food and cover along the edge(s) of a field	X	X				X	
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E511137Z1	Harvest of crops (hay or small grains) using conservation measures that allow desired species to flush or escape	X	X					
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	X	X	X				
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E512137Z	Forage plantings that enhance bird habitat (cover and shelter)			X				
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife			X	X	X		

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FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E528137Z2	Incorporating wildlife refuge areas in contingency plans for prescribed grazing for wildlife cover and shelter			X	X			
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E580137Z	Stream corridor bank vegetation improvement	X	X	X	X	X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E612137Z	Tree/shrub planting for wildlife cover	X	X	X	X	X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E645137Z	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	X	X	X	X	X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E646137X	Renovate small, shallow pothole and playa sites which may seasonally hold water	X	X				X	
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E646137Z1	Close structures to capture and retain rainfall to improve cover and shelter for waterfowl and other wading birds during winter	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E646137Z2	Extend retention of captured rainfall to provide enhanced cover and shelter for late winter habitat for migratory waterfowl and shorebirds	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E646137Z3	Shorebird habitat, late season shallow water with manipulation to improve cover and shelter	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E646137Z4	Shorebird habitat, extended late season shallow water with manipulation to improve cover and shelter.	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E647137Z1	Manipulate vegetation on fields where rainfall is to be captured and retained to provide enhanced cover and shelter for wildlife	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E647137Z2	Establish and maintain moist soil vegetation on cropland edges to increase wildlife cover, shelter and habitat diversity	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat					X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E666137Z2	Summer roosting habitat for native forest-dwelling bat species					X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E666137Z3	Increase diversity in pine plantation monocultures					X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E666137Z6	Create patch openings to enhance wildlife cover and shelter					X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Cover/Shelter	E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter					X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	X	X			X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E327136Z2	Establish Monarch butterfly habitat	X	X				X	X

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FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E328136Z	Leave standing grain crops unharvested to benefit wildlife food sources	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E338136Z	Short-interval burns to promote a healthy herbaceous plant community for wildlife food					X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E382136Z	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources			X	X			
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E386136Z	Enhanced field borders to increase food for pollinators along the edge(s) of a field	X	X				X	
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	X	X	X	X		X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	X	X	X	X	X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E512136Z1	Establish pollinator and/or beneficial insect habitat			X				
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E512136Z2	Native grass or legumes in forage base to provide wildlife food			X				
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E528136Z1	Grazing management for improving quantity and quality of food for wildlife			X	X	X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E612136Z	Tree/shrub planting for wildlife food	X	X	X	X	X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E644136Z	Managing Flood-Irrigated Landscapes for Wildlife	X	X	X				
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E646136Z1	Close structures to capture and retain rainfall to improve food sources for waterfowl and other wading birds during winter	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E646136Z2	Extend retention of captured rainfall to provide enhanced food sources for late winter habitat for migratory waterfowl and shorebirds	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E646136Z3	Shorebird habitat, late season shallow water with manipulation to improve food sources	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E646136Z4	Shorebird habitat, extended late season shallow water with manipulation to improve food sources	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E647136Z1	Manipulate vegetation on fields where rainfall is to be captured and retained to provide enhanced food sources for wildlife	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E647136Z3	Establish and maintain moist soil vegetation on cropland edges to increase wildlife food sources and habitat diversity	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E666136Z1	Reduce forest density and manage understory along roads to improve wildlife food sources					X		

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FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E666136Z2	Reduce forest stand density to improve wildlife food sources					X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Food	E666136Z3	Create patch openings to enhance wildlife food sources and availability					X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E327139Z	Conservation cover to provide habitat continuity for pollinators and beneficial insects	X	X			X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	X	X				X	
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	X	X	X				
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E512139Z1	Establish wildlife corridors to provide habitat continuity			X			X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E512139Z2	Establish pollinator and/or beneficial insect habitat continuity (space)			X			X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E512139Z3	Establish Monarch butterfly habitat in pastures			X			X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E578139X	Stream crossing elimination	X	X	X	X	X	X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E643139X	Creating native plant refugia					X		
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E646139Z1	Close structures to capture and retain rainfall for waterfowl and wading birds to improve habitat continuity	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E646139Z2	Extend retention of captured rainfall to provide habitat continuity during late winter for migratory waterfowl and shorebirds	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E646139Z3	Shorebird habitat, late season shallow water with manipulation to enhance habitat continuity and space	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E646139Z4	Shorebird habitat, extended late season shallow water with manipulation to enhance habitat continuity and space	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Habitat Continuity (Space)	E647139Z1	Establish and maintain wildlife habitat continuity by providing early successional, naturally occurring vegetation in ditches and ditch bank borders	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Water	E512138Z	Establish wildlife corridors to enhance access to water			X			X	X
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Water	E528138Z	Incorporating wildlife refuge areas in contingency plans for prescribed grazing for wildlife access to water			X	X			
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Water	E646138Z1	Close structures to capture and retain rainfall to provide water for waterfowl and other wading birds during winter	X						

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FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Water	E646138Z2	Extend retention of captured rainfall to provide late winter water habitat for migratory waterfowl and shorebirds.	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Water	E646138Z3	Shorebird habitat, late season shallow water with manipulation	X						
FISH and WILDLIFE-INADEQUATE HABITAT	Inadequate Habitat-Water	E646138Z4	Shorebird habitat, extended late season shallow water with manipulation	X						
INEFFICIENT ENERGY USE	Farming/Ranching Practices and Field Operations	E329144Z	No till to reduce energy	X						
INEFFICIENT ENERGY USE	Farming/Ranching Practices and Field Operations	E345144Z	Reduced tillage to reduce energy use	X						
INEFFICIENT ENERGY USE	Farming/Ranching Practices and Field Operations	E374144Z1	Install variable frequency drive(s) on pump(s)	X	X	X			X	X
INEFFICIENT ENERGY USE	Farming/Ranching Practices and Field Operations	E374144Z2	Switch fuel source for pump motor(s)	X	X	X			X	X
INEFFICIENT ENERGY USE	Farming/Ranching Practices and Field Operations	E449144Z	Complete pumping plant evaluation for all pumps on a farm	X	X	X			X	
INSUFFICIENT WATER	Inefficient Moisture Management	E329115Z	No till to increase plant-available moisture: moisture management	X						
INSUFFICIENT WATER	Inefficient Moisture Management	E345115Z	Reduced tillage to increase plant-available moisture: moisture management	X						
INSUFFICIENT WATER	Inefficient Moisture Management	E666115Z2	Forest Stand Improvement to manage understory vegetation to aid in moisture management					X		
INSUFFICIENT WATER	Inefficient Use of Irrigation Water	E329114Z	No till to increase plant-available moisture: irrigation water	X						
INSUFFICIENT WATER	Inefficient Use of Irrigation Water	E345114Z	Reduced tillage to increase plant-available moisture: irrigation water	X						
INSUFFICIENT WATER	Inefficient Use of Irrigation Water	E449114Z5	Complete pumping plant evaluation for all pumps on a farm	X	X	X			X	
INSUFFICIENT WATER	Inefficient Use of Irrigation Water	E449114Z6	Automated Intermittent flood irrigation of rice fields, Year 2-5	X						
INSUFFICIENT WATER	Inefficient Use of Irrigation Water	E449114Z7	Advanced Automated IWM-Year 2-5, Soil moisture monitoring	X	X	X				
INSUFFICIENT WATER	Inefficient Use of Irrigation Water	E449114Z8	Advanced Automated IWM-Year 1, Equipment and soil moisture or water level monitoring	X	X	X				
LIVESTOCK PRODUCTION LIMITATION	Inadequate Feed and Forage	E338140Z	Short-interval burns to promote a healthy herbaceous plant community					X		
LIVESTOCK PRODUCTION LIMITATION	Inadequate Feed and Forage	E512140Z	Native grasses or legumes in forage base		X	X			X	
LIVESTOCK PRODUCTION LIMITATION	Inadequate Feed and Forage	E528140Z1	Maintaining quantity and quality of forage for animal health and productivity			X	X		X	
SOIL EROSION	Classic Gully Erosion	E528104Z	Grazing management that protects sensitive areas from gully erosion			X	X			
SOIL EROSION	Sheet and Rill Erosion	E328101I	Improved resource conserving crop rotation to reduce water erosion	X						

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SOIL EROSION	Sheet and Rill Erosion	E328101R	Resource conserving crop rotation to reduce water erosion	X						
SOIL EROSION	Sheet and Rill Erosion	E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	X						
SOIL EROSION	Sheet and Rill Erosion	E329101Z	No till to reduce water erosion	X						
SOIL EROSION	Sheet and Rill Erosion	E340101Z	Cover crop to reduce water erosion	X	X					
SOIL EROSION	Sheet and Rill Erosion	E345101Z	Reduced tillage to reduce water erosion	X						
SOIL EROSION	Sheet and Rill Erosion	E386101Z	Enhanced field borders to reduce water induced erosion along the edge(s) of a field	X	X				X	
SOIL EROSION	Sheet and Rill Erosion	E512101Z1	Cropland conversion to grass-based agriculture to reduce water erosion	X	X					
SOIL EROSION	Sheet and Rill Erosion	E512101Z2	Forage and biomass planting for water erosion to improve soil health			X				
SOIL EROSION	Streambank, Shoreline, Water Conveyance Channels	E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion			X	X	X		
SOIL EROSION	Streambank, Shoreline, Water Conveyance Channels	E580105Z	Stream corridor bank stability improvement	X	X	X	X	X	X	X
SOIL QUALITY DEGRADATION	Compaction	E328107I	Improved resource conserving crop rotation to improve soil compaction	X						
SOIL QUALITY DEGRADATION	Compaction	E328107R	Resource conserving crop rotation to improve soil compaction	X						
SOIL QUALITY DEGRADATION	Compaction	E340107Z	Cover crop to minimize soil compaction	X	X					
SOIL QUALITY DEGRADATION	Compaction	E528107Z1	Improved grazing management for soil compaction on pasture through monitoring activities			X				
SOIL QUALITY DEGRADATION	Compaction	E666107Z	Maintaining and improving forest soil quality by limiting compaction					X		
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E328106I	Improved resource conserving crop rotation for soil organic matter improvement	X						
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E328106R	Resource conserving crop rotation for soil organic matter improvement	X						
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E328106Z1	Soil health crop rotation	X						
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E328106Z2	Modifications to improve soil health and increase soil organic matter	X						
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	X						
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E329106Z	No till system to increase soil health and soil organic matter content	X						
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	X						
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E340106Z2	Use of multi-species cover crops to improve soil health and increase soil organic matter	X	X					
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E340106Z3	Intensive cover cropping (orchard/vineyard floor) to increase soil health and soil organic matter content		X					
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E340106Z4	Use of soil health assessment to assist with development of cover crop mix to improve soil health and increase soil organic matter	X						
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E345106Z	Reduced tillage to increase soil health and soil organic matter content	X						
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	X	X				X	
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E484106Z	Mulching to improve soil health	X						

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SOIL QUALITY DEGRADATION	Organic Matter Depletion	E512106Z1	Cropland conversion to grass-based agriculture for soil organic matter improvement	X	X					
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E512106Z2	Forage plantings that can help increase organic matter in depleted soils			X				
SOIL QUALITY DEGRADATION	Organic Matter Depletion	E666106Z2	Maintaining and improving forest soil quality					X		
WATER QUALITY DEGRADATION	Elevated Water Temperature	E391127Z	Increase stream shading for stream temperature reduction	X	X	X	X	X	X	X
WATER QUALITY DEGRADATION	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water	E393122Z	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	X	X				X	
WATER QUALITY DEGRADATION	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water	E472122Z	Manage livestock access to streams, ditches, and other waterbodies to reduce pathogens in surface water	X	X	X	X	X	X	X
WATER QUALITY DEGRADATION	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water	E528122Z	Prescribed grazing on pastureland that maintains/improves riparian/ and watershed function impairment from pathogens/chemicals.			X				
WATER QUALITY DEGRADATION	Excessive Sediment in Surface Water	E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	X	X					
WATER QUALITY DEGRADATION	Excessive Sediment in Surface Water	E391126Z	Increase riparian forest buffer width to reduce sediment loading	X	X					
WATER QUALITY DEGRADATION	Excessive Sediment in Surface Water	E393126Z	Extend existing filter strip to reduce excess sediment in surface water	X	X				X	
WATER QUALITY DEGRADATION	Excessive Sediment in Surface Water	E528126Z	Prescribed grazing on pastureland that maintains/improves riparian and watershed function through minimizing sediment in surface water			X				
WATER QUALITY DEGRADATION	Excessive Sediment in Surface Water	E612126Z	Cropland conversion to trees or shrubs for long term improvement of water quality	X	X					
WATER QUALITY DEGRADATION	Nutrients in Ground Water	E340119Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	X	X					
WATER QUALITY DEGRADATION	Nutrients in Ground Water	E528119Z	Grazing management that protects sensitive areas-ground water from nutrients			X	X			
WATER QUALITY DEGRADATION	Nutrients in Ground Water	E590119X	Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies to plan and apply nutrients	X	X					
WATER QUALITY DEGRADATION	Nutrients in Ground Water	E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	X	X					
WATER QUALITY DEGRADATION	Nutrients in Ground Water	E666119Z	Enhance development of the forest understory to capture nutrients and limit their movement into ground water					X		
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E340118Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	X	X					
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E390118Z	Increase riparian herbaceous cover width for nutrient reduction	X	X					
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E391118Z	Increase riparian forest buffer width for nutrient reduction	X	X					
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	X	X				X	
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E472118Z	Manage livestock access to streams, ditches, and other waterbodies to reduce nutrients in surface water	X	X	X	X	X	X	X

Applicable Enhancements by Resource Concern, Cause, and Land Use

Resource Concern	Resource Concern Cause	Enhancement Code	Full Enhancement Name	Crop (Annual and Mixed)	Crop (Perennial)	Pasture	Range	Forest	Associated Ag Land	Farmstead
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E528118Z1	Prescribed grazing on pastureland that maintains/improves riparian and watershed function impairment from nutrients			X				
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E554118Z2	Saturated buffer drain outlet	X	X				X	
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E590118X	Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients	X	X					
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X	X					
WATER QUALITY DEGRADATION	Nutrients in Surface Water	E666118Z	Enhance development of the forest understory to capture nutrients in surface water					X		
WATER QUALITY DEGRADATION	Pesticides in Surface Water	E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	X	X					
WATER QUALITY DEGRADATION	Pesticides in Surface Water	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X	X	X				
WATER QUALITY DEGRADATION	Pesticides in Surface Water	E595116Z2	Reducing routine neonicotinoid seed treatments on corn and soybean crops	X						

Bundle Name	Bundle Description	Bundle Group Name	Select	Enhancement Code	Enhancement Description	Crop Annual/Mixed	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
B000BF1	Buffer Bundle#1	BGR-01801	All	E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	X	X				X	
B000BF1	Buffer Bundle#1	BGR-01801	All	E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	X	X				X	
B000BF1	Buffer Bundle#1	BGR-01802	1	E612130Z	Planting for high carbon sequestration rate	X	X				X	
B000BF1	Buffer Bundle#1	BGR-01802	1	E612136Z	Tree/shrub planting for wildlife food	X	X				X	
B000BF2	Buffer Bundle#2	BGR-01803	All	E393126Z	Extend existing filter strip to reduce excess sediment in surface water	X	X				X	
B000BF2	Buffer Bundle#2	BGR-01803	All	E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	X	X				X	
B000BF2	Buffer Bundle#2	BGR-01804	1	E612130Z	Planting for high carbon sequestration rate	X	X				X	
B000BF2	Buffer Bundle#2	BGR-01804	1	E612136Z	Tree/shrub planting for wildlife food	X	X				X	
B000CP1	Crop Bundle#1 - Precision Ag, No till	BGR-01805	All	E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	X						
B000CP1	Crop Bundle#1 - Precision Ag, No till	BGR-01805	All	E590118X	Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients	X						
B000CP1	Crop Bundle#1 - Precision Ag, No till	BGR-01805	All	E329128Z	No till to reduce tillage induced particulate matter	X						
B000CP1	Crop Bundle#1 - Precision Ag, No till	BGR-01805	All	E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	X						
B000CP1	Crop Bundle#1 - Precision Ag, No till	BGR-01806	1	E340101Z	Cover crop to reduce water erosion	X						
B000CP1	Crop Bundle#1 - Precision Ag, No till	BGR-01806	1	E340102Z	Cover crop to reduce wind erosion	X						
B000CP1	Crop Bundle#1 - Precision Ag, No till	BGR-01806	1	E340107Z	Cover crop to minimize soil compaction	X						
B000CP2	Crop Bundle#2 - Precision Ag, Reduced till	BGR-01804	All	E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	X						
B000CP2	Crop Bundle#2 - Precision Ag, Reduced till	BGR-01804	All	E590118X	Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients	X						
B000CP2	Crop Bundle#2 - Precision Ag, Reduced till	BGR-01804	All	E345128Z	Reduced tillage to reduce tillage induced particulate matter	X						
B000CP2	Crop Bundle#2 - Precision Ag, Reduced till	BGR-01804	All	E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	X						
B000CP2	Crop Bundle#2 - Precision Ag, Reduced till	BGR-01805	1	E340101Z	Cover crop to reduce water erosion	X						
B000CP2	Crop Bundle#2 - Precision Ag, Reduced till	BGR-01805	1	E340102Z	Cover crop to reduce wind erosion	X						
B000CP2	Crop Bundle#2 - Precision Ag, Reduced till	BGR-01805	1	E340107Z	Cover crop to minimize soil compaction	X						
B000CP3	Crop Bundle#3 - Soil health rotation, No till	BGR-01805	All	E328106Z1	Soil health crop rotation	X						
B000CP3	Crop Bundle#3 - Soil health rotation, No till	BGR-01805	All	E329115Z	No till to increase plant-available moisture: moisture management	X						
B000CP3	Crop Bundle#3 - Soil health rotation, No till	BGR-01805	All	E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	X						
B000CP3	Crop Bundle#3 - Soil health rotation, No till	BGR-01805	All	E590118X	Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients	X						
B000CP3	Crop Bundle#3 - Soil health rotation, No till	BGR-01805	All	E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	X						
B000CP4	Crop Bundle#4 - Soil health rotation, Reduced till	BGR-01806	All	E328106Z1	Soil health crop rotation	X						
B000CP4	Crop Bundle#4 - Soil health rotation, Reduced till	BGR-01806	All	E345115Z	Reduced tillage to increase plant-available moisture: moisture management	X						
B000CP4	Crop Bundle#4 - Soil health rotation, Reduced till	BGR-01806	All	E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	X						
B000CP4	Crop Bundle#4 - Soil health rotation, Reduced till	BGR-01806	All	E590118X	Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients	X						
B000CP4	Crop Bundle#4 - Soil health rotation, Reduced till	BGR-01806	All	E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	X						
B000CP5	Crop Bundle#5 - Soil Health Assessment, No till	BGR-01807	All	E328106Z2	Modifications to improve soil health and increase soil organic matter	X						
B000CP5	Crop Bundle#5 - Soil Health Assessment, No till	BGR-01807	All	E329115Z	No till to increase plant-available moisture: moisture management	X						
B000CP5	Crop Bundle#5 - Soil Health Assessment, No till	BGR-01807	All	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X						
B000CP5	Crop Bundle#5 - Soil Health Assessment, No till	BGR-01807	All	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X						
B000CP5	Crop Bundle#5 - Soil Health Assessment, No till	BGR-01807	All	E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	X						
B000CP6	Crop Bundle#6 - Soil Health Assessment, Reduced till	BGR-01808	All	E328106Z2	Modifications to improve soil health and increase soil organic matter	X						
B000CP6	Crop Bundle#6 - Soil Health Assessment, Reduced till	BGR-01808	All	E345115Z	Reduced tillage to increase plant-available moisture: moisture management	X						
B000CP6	Crop Bundle#6 - Soil Health Assessment, Reduced till	BGR-01808	All	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X						
B000CP6	Crop Bundle#6 - Soil Health Assessment, Reduced till	BGR-01808	All	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X						
B000CP6	Crop Bundle#6 - Soil Health Assessment, Reduced till	BGR-01808	All	E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	X						
B000CP7	Crop Bundle#7 - Soil Health - "Organic"	BGR-01809	All	E484106Z	Mulching to improve soil health	X						
B000CP7	Crop Bundle#7 - Soil Health - "Organic"	BGR-01809	All	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X						
B000CP7	Crop Bundle#7 - Soil Health - "Organic"	BGR-01809	All	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X						
B000CP7	Crop Bundle#7 - Soil Health - "Organic"	BGR-01809	All	E393126Z	Extend existing filter strip to reduce excess sediment in surface water	X						
B000CP7	Crop Bundle#7 - Soil Health - "Organic"	BGR-01809	All	E612133X1	Adding food-producing trees and shrubs to existing plantings	X						
B000CP8	Crop Bundle#8 - "Organic", Water erosion	BGR-01810	All	E340101Z	Cover crop to reduce water erosion	X						
B000CP8	Crop Bundle#8 - "Organic", Water erosion	BGR-01810	All	E328106Z2	Modifications to improve soil health and increase soil organic matter	X						

Bundle Name	Bundle Description	Bundle Group Name	Select	Enhancement Code	Enhancement Description	Crop Annual/Mixed	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
B000CP8	Crop Bundle#8 - "Organic", Water erosion	BGR-01810	All	E345106Z	Reduced tillage to increase soil health and soil organic matter content	X						
B000CP8	Crop Bundle#8 - "Organic", Water erosion	BGR-01810	All	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X						
B000CP8	Crop Bundle#8 - "Organic", Water erosion	BGR-01811	1	E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	X						
B000CP8	Crop Bundle#8 - "Organic", Water erosion	BGR-01811	1	E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	X						
B000CP8	Crop Bundle#8 - "Organic", Water erosion	BGR-01811	1	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X						
B000FT1	Forest Bundle#1	BGR-01814	All	E666106Z2	Maintaining and improving forest soil quality					X		
B000FT1	Forest Bundle#1	BGR-01814	All	E666132Z1	Crop tree management for mast production					X		
B000FT1	Forest Bundle#1	BGR-01814	All	E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat					X		
B000FT1	Forest Bundle#1	BGR-01814	All	E612137Z	Tree/shrub planting for wildlife cover					X		
B000FT1	Forest Bundle#1	BGR-01814	All	E666115Z2	Forest Stand Improvement to manage understory vegetation to aid in moisture management					X		
B000MR1	MRBI Bundle#1 - Irrigated Cropland	BGR-01820	All	E340101Z	Cover crop to reduce water erosion	X						
B000MR1	MRBI Bundle#1 - Irrigated Cropland	BGR-01820	All	E449114Z8	Advanced Automated IWM-Year 1, Equipment and soil moisture or water level monitoring	X						
B000MR1	MRBI Bundle#1 - Irrigated Cropland	BGR-01821	1	E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	X						
B000MR1	MRBI Bundle#1 - Irrigated Cropland	BGR-01821	1	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X						
B000MR1	MRBI Bundle#1 - Irrigated Cropland	BGR-01822	1	E590118X	Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients	X						
B000MR1	MRBI Bundle#1 - Irrigated Cropland	BGR-01822	1	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X						
B000MR2	MRBI Bundle#2 - Non-Irrigated Cropland #1	BGR-01823	All	E340101Z	Cover crop to reduce water erosion	X						
B000MR2	MRBI Bundle#2 - Non-Irrigated Cropland #1	BGR-01823	All	E345106Z	Reduced tillage to increase soil health and soil organic matter content	X						
B000MR2	MRBI Bundle#2 - Non-Irrigated Cropland #1	BGR-01824	1	E590118X	Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients	X						
B000MR2	MRBI Bundle#2 - Non-Irrigated Cropland #1	BGR-01824	1	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X						
B000MR2	MRBI Bundle#2 - Non-Irrigated Cropland #1	BGR-01825	1	E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	X						
B000MR2	MRBI Bundle#2 - Non-Irrigated Cropland #1	BGR-01825	1	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X						
B000MR3	MRBI Bundle#3 - Non-Irrigated Cropland #2	BGR-01826	All	E340101Z	Cover crop to reduce water erosion	X						
B000MR3	MRBI Bundle#3 - Non-Irrigated Cropland #2	BGR-01826	All	E328106Z1	Soil health crop rotation	X						
B000MR3	MRBI Bundle#3 - Non-Irrigated Cropland #2	BGR-01827	1	E590118X	Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients	X						
B000MR3	MRBI Bundle#3 - Non-Irrigated Cropland #2	BGR-01827	1	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X						
B000MR3	MRBI Bundle#3 - Non-Irrigated Cropland #2	BGR-01828	1	E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	X						
B000MR3	MRBI Bundle#3 - Non-Irrigated Cropland #2	BGR-01828	1	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01829	All	E340101Z	Cover crop to reduce water erosion	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01829	All	E329106Z	No till system to increase soil health and soil organic matter content	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01829	All	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01829	All	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01830	1	E391118Z	Increase riparian forest buffer width for nutrient reduction	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01830	1	E391126Z	Increase riparian forest buffer width to reduce sediment loading	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01830	1	E390118Z	Increase riparian herbaceous cover width for nutrient reduction	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01830	1	E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01830	1	E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	X						
B000MR4	MRBI Bundle#4 - Cropland with Water Bodies, No till	BGR-01830	1	E393126Z	Extend existing filter strip to reduce excess sediment in surface water	X						
B000MR5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01831	All	E340101Z	Cover crop to reduce water erosion	X						
B000MR5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01831	All	E345106Z	Reduced tillage to increase soil health and soil organic matter content	X						
B000MR5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01831	All	E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X						
B000MR5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01831	All	E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X						
B000MR5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01832	1	E391118Z	Increase riparian forest buffer width for nutrient reduction	X						
B000MR5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01832	1	E391126Z	Increase riparian forest buffer width to reduce sediment loading	X						
B000MR5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01832	1	E390118Z	Increase riparian herbaceous cover width for nutrient reduction	X						

Bundle Name	Bundle Description	Bundle Group Name	Select	Enhancement Code	Enhancement Description	Crop Annual/Mixed	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
B000MRB5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01832	1	E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	X						
B000MRB5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01832	1	E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	X						
B000MRB5	MRBI Bundle#5 - Cropland with Water Bodies, Reduced till	BGR-01832	1	E393126Z	Extend existing filter strip to reduce excess sediment in surface water	X						
B000MRB6	MRBI Bundle#6 - Pastureland	BGR-01832	All	E512106Z	Forage plantings that can help increase organic matter in depleted soils			X				
B000MRB6	MRBI Bundle#6 - Pastureland	BGR-01832	All	E472118Z	Manage livestock access to streams, ditches, and other waterbodies to reduce nutrients in surface water			X				
B000MRB6	MRBI Bundle#6 - Pastureland	BGR-01833	1	E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion			X				
B000MRB6	MRBI Bundle#6 - Pastureland	BGR-01833	1	E528118Z	Prescribed grazing on pastureland that maintains/improves riparian and watershed function impairment from nutrients			X				
B000MRB6	MRBI Bundle#6 - Pastureland	BGR-01834	1	E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat			X				
B000MRB6	MRBI Bundle#6 - Pastureland	BGR-01834	1	E391136Z	Increase riparian forest buffer width to enhance wildlife habitat			X				
B000PST1	Pasture Bundle#1 - Organic	BGR-01843	All	E472118Z	Manage livestock access to streams, ditches, and other waterbodies to reduce nutrients in surface water			X				
B000PST1	Pasture Bundle#1 - Organic	BGR-01843	All	E528132Z	Improved grazing management on pasture for plant productivity and health through monitoring activities			X				
B000PST1	Pasture Bundle#1 - Organic	BGR-01843	All	E512136Z	Establish pollinator and/or beneficial insect habitat			X				
B000PST1	Pasture Bundle#1 - Organic	BGR-01844	All	E382136Z	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources			X				
B000PST1	Pasture Bundle#1 - Organic	BGR-01844	All	E315134Z	Herbaceous weed treatment for plant pest pressures that helps create desired plant communities and habitats consistent with the ecological site			X				
B000PST2	Pasture Bundle#2	BGR-01845	All	E512106Z	Forage plantings that can help increase organic matter in depleted soils			X				
B000PST2	Pasture Bundle#2	BGR-01845	All	E528126Z	Prescribed grazing on pastureland that maintains/improves riparian and watershed function through minimizing sediment in surface water			X				
B000PST2	Pasture Bundle#2	BGR-01845	All	E315132Z	Herbaceous weed treatment that helps create desired plant communities and habitats consistent with the ecological site			X				
B000PST3	Pasture Bundle#3 -- Soil Health	BGR-01846	All	E512106Z	Forage plantings that can help increase organic matter in depleted soils			X				
B000PST3	Pasture Bundle#3 -- Soil Health	BGR-01846	All	E314134Z	Brush management that maintains or enhances wildlife or fish habitat			X				
B000PST3	Pasture Bundle#3 -- Soil Health	BGR-01847	1	E528118Z	Prescribed grazing on pastureland that maintains/improves riparian and watershed function impairment from nutrients			X				
B000PST3	Pasture Bundle#3 -- Soil Health	BGR-01847	1	E472118Z	Manage livestock access to streams, ditches, and other waterbodies to reduce nutrients in surface water			X				
B000PST3	Pasture Bundle#3 -- Soil Health	BGR-01847	1	E528132Z	Stockpiling cool season forage to improve plant productivity and health			X				
B000PST4	Pasture Bundle#4 - Monarch butterfly	BGR-01848	All	E512139Z	Establish Monarch butterfly habitat in pastures			X				
B000PST4	Pasture Bundle#4 - Monarch butterfly	BGR-01848	All	E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion			X				
B000PST4	Pasture Bundle#4 - Monarch butterfly	BGR-01848	All	E512138Z	Establish wildlife corridors to enhance access to water			X				
B000PST4	Pasture Bundle#4 - Monarch butterfly	BGR-01849	0	E645137Z	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat			X				

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Air Quality Impacts	Emission of Greenhouse Gases (GHGs)	490	Tree/Shrub Site Preparation					X		
Air Quality Impacts	Emission of Greenhouse Gases (GHGs)	590	Nutrient Management	X	X					
Air Quality Impacts	Emission of Greenhouse Gases (GHGs)	612	Tree/Shrub Establishment	X	X	X	X	X	X	X
Air Quality Impacts	Emission of Greenhouse Gases (GHGs)	666	Forest Stand Improvement					X	X	X
Air Quality Impacts	Emissions of Ozone Precursors	490	Tree/Shrub Site Preparation					X		
Air Quality Impacts	Emissions of Ozone Precursors	595	Integrated Pest Management	X	X			X		
Air Quality Impacts	Emissions of Ozone Precursors	666	Forest Stand Improvement					X	X	X
Air Quality Impacts	Emissions of Particulate Matter (PM) and PM Precursors	329	Residue and Tillage management, No Till	X						
Air Quality Impacts	Emissions of Particulate Matter (PM) and PM Precursors	338	Prescribed Burning			X	X	X	X	
Air Quality Impacts	Emissions of Particulate Matter (PM) and PM Precursors	345	Residue and Tillage management, Reduced till	X						
Air Quality Impacts	Emissions of Particulate Matter (PM) and PM Precursors	380	Windbreak/Shelterbreak Establishment	X	X				X	X
Air Quality Impacts	Emissions of Particulate Matter (PM) and PM Precursors	386	Field Border	X	X				X	
Air Quality Impacts	Emissions of Particulate Matter (PM) and PM Precursors	422	Hedgerow	X	X				X	
Air Quality Impacts	Emissions of Particulate Matter (PM) and PM Precursors	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X
Air Quality Impacts	Emissions of Particulate Matter (PM) and PM Precursors	655	Forest Trails and Landings					X		
Air Quality Impacts	Objectionable Odors	590	Nutrient Management	X	X	X				
Degraded Plant Condition	Excessive Plant Pest Pressure	314	Brush Management			X	X	X		
Degraded Plant Condition	Excessive Plant Pest Pressure	315	Herbaceous Weed Control			X	X	X	X	X
Degraded Plant Condition	Excessive Plant Pest Pressure	328	Conservation Crop Rotation	X						
Degraded Plant Condition	Excessive Plant Pest Pressure	338	Prescribed Burning			X	X			
Degraded Plant Condition	Excessive Plant Pest Pressure	340	Cover Crop	X	X					
Degraded Plant Condition	Excessive Plant Pest Pressure	528	Prescribed Grazing			X	X			
Degraded Plant Condition	Excessive Plant Pest Pressure	612	Tree/Shrub Establishment					X	X	X
Degraded Plant Condition	Excessive Plant Pest Pressure	647	Early Successional Habitat Development/Management	X	X	X	X	X	X	X
Degraded Plant Condition	Excessive Plant Pest Pressure	666	Forest Stand Improvement					X	X	X
Degraded Plant Condition	Inadequate Structure and Composition	314	Brush Management			X	X			

Applicable Practices by Resource Concern, Cause, and Land Use

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Degraded Plant Condition	Inadequate Structure and Composition	315	Herbaceous Weed Control				X	X		
Degraded Plant Condition	Inadequate Structure and Composition	381	Silvopasture Establishment			X			X	
Degraded Plant Condition	Inadequate Structure and Composition	512	Forage and Biomass Planting			X			X	
Degraded Plant Condition	Inadequate Structure and Composition	528	Prescribed Grazing			X	X		X	
Degraded Plant Condition	Inadequate Structure and Composition	612	Tree/Shrub Establishment			X	X	X	X	X
Degraded Plant Condition	Inadequate Structure and Composition	647	Early Successional Habitat Development/Management			X	X	X	X	X
Degraded Plant Condition	Inadequate Structure and Composition	666	Forest Stand Improvement					X	X	X
Degraded Plant Condition	Undesirable Plant Productivity and Health	314	Brush Management			X	X	X	X	
Degraded Plant Condition	Undesirable Plant Productivity and Health	315	Herbaceous Weed Control			X		X		
Degraded Plant Condition	Undesirable Plant Productivity and Health	328	Conservation Crop Rotation	X						
Degraded Plant Condition	Undesirable Plant Productivity and Health	338	Prescribed Burning			X	X	X	X	
Degraded Plant Condition	Undesirable Plant Productivity and Health	512	Forage and Biomass Planting	X	X	X				
Degraded Plant Condition	Undesirable Plant Productivity and Health	528	Prescribed Grazing			X	X			
Degraded Plant Condition	Undesirable Plant Productivity and Health	590	Nutrient Management	X	X					
Degraded Plant Condition	Undesirable Plant Productivity and Health	643	Restoration and Management of Rare or Declining Habitats				X	X		
Degraded Plant Condition	Undesirable Plant Productivity and Health	666	Forest Stand Improvement					X	X	X
Degraded Plant Condition	Wildfire Hazard, Excessive Biomass Accumulation	314	Brush Management					X		
Degraded Plant Condition	Wildfire Hazard, Excessive Biomass Accumulation	338	Prescribed Burning			X	X	X	X	
Degraded Plant Condition	Wildfire Hazard, Excessive Biomass Accumulation	384	Woody Residue Treatment					X	X	
Degraded Plant Condition	Wildfire Hazard, Excessive Biomass Accumulation	394	Firebreak	X	X	X	X	X	X	X
Degraded Plant Condition	Wildfire Hazard, Excessive Biomass Accumulation	528	Prescribed Grazing				X			
Degraded Plant Condition	Wildfire Hazard, Excessive Biomass Accumulation	666	Forest Stand Improvement					X		
Excess Water	Drifted Snow	380	Windbreak/Shelterbelt Establishment	X	X		X		X	
Excess Water	Runoff and Flooding and Ponding	558	Roof Runoff Structure						X	X
Excess Water	Runoff and Flooding and Ponding	654	Road/Trail/Landing Closure and Treatment	X	X	X			X	X

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Excess Water	Runoff and Flooding and Ponding	655	Forest Trails and Landings					X		
Excess Water	Seasonal High Water Table	554	Drainage Water Management	X	X				X	
Excess Water	Seasonal High Water Table	666	Forest Stand Improvement					X	X	X
Excess Water	Seeps	606	Subsurface Drain						X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	314	Brush Management			X	X			
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	327	Conservation Cover	X	X			X	X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	328	Conservation Crop Rotation	X						
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	329	Residue and Tillage Management, No Till	X						
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	338	Prescribed Burning			X	X	X	X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	381	Silvopasture Establishment			X			X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	386	Field Border	X	X				X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	472	Access Control	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	511	Forage Harvest Management	X	X	X				
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	512	Forage and Biomass Planting			X				
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	528	Prescribed Grazing			X	X			
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	580	Streambank and Shoreline Protection	X	X	X		X	X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	612	Tree/Shrub Establishment	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	645	Upland Wildlife Habitat Management	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	646	Shallow Water Development and Management	X	X				X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	647	Early Successional Habitat Development/Management	X	X	X	X	X	X	X

Applicable Practices by Resource Concern, Cause, and Land Use

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	655	Forest Trails and Landings					X		
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Cover/Shelter	666	Forest Stand Improvement					X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	327	Conservation Cover	X	X			X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	328	Conservation Crop Rotation	X						
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	329	Residue and Tillage Management, No Till	X						
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	338	Prescribed Burning			X	X	X	X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	382	Fence			X	X			
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	386	Field Border	X	X				X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	390	Riparian Herbaceous Cover	X	X	X	X		X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	391	Riparian Forest Buffer	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	512	Forage and Biomass Planting			X				
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	528	Prescribed Grazing			X	X			
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	612	Tree/Shrub Establishment	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	645	Upland Wildlife Habitat Management	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	646	Shallow Water Development and Management	X		X		X		
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	647	Early Successional Habitat Development/Management	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Food	655	Forest Trails and Landings					X		
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	327	Conservation Cover	X	X			X	X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	328	Conservation Crop Rotation	X						
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	329	Residue and Tillage Management, No Till	X						
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	382	Fence				X	X		
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	386	Field Border	X	X				X	
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	391	Riparian Forest Buffer	X	X	X	X	X		
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	396	Aquatic Organism Passage	X	X		X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	511	Forage Harvest Management	X	X	X				
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	512	Forage and Biomass Planting			X			X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	528	Prescribed Grazing				X			
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	578	Stream Crossing	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	612	Tree/Shrub Establishment					X		
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	643	Restoration and Management of Rare or Declining Habitats					X		
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	645	Upland Wildlife Habitat Management	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	646	Shallow Water Development and Management	X						
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	647	Early Successional Habitat Development/Management	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	655	Forest Trails and Landings					X		
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Habitat Continuity (Space)	666	Forest Stand Improvement					X		
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Water	382	Fence			X	X			
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Water	512	Forage and Biomass Planting			X			X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Water	528	Prescribed Grazing			X	X			
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Water	554	Drainage Water Management	X						
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Water	614	Watering Facility			X				
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Water	644	Wetland Wildlife Habitat Management	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Water	645	Upland Wildlife Habitat Management	X	X	X	X	X	X	X
Fish and Wildlife - Inadequate Habitat	Inadequate Habitat - Water	646	Shallow Water Development and Management	X						
Inefficient Energy Use	Equipment and Facilities	374	Farmstead Energy Improvement	X	X	X		X	X	X
Inefficient Energy Use	Farming/Ranching Practices and Field Operations	329	Residue and Tillage Management, No Till	X						
Inefficient Energy Use	Farming/Ranching Practices and Field Operations	345	Residue and Tillage Management, Reduced till	X						
Inefficient Energy Use	Farming/Ranching Practices and Field Operations	374	Farmstead Energy Improvement	X	X	X		X	X	X
Inefficient Energy Use	Farming/Ranching Practices and Field Operations	449	Irrigation Water Management	X	X	X			X	
Insufficient Water	Inefficient Moisture Management	315	Herbaceous Weed Control			X				
Insufficient Water	Inefficient Moisture Management	328	Conservation Crop Rotation	X						
Insufficient Water	Inefficient Moisture Management	329	Residue and Tillage Management, No Till	X						
Insufficient Water	Inefficient Moisture Management	340	Cover Crop	X	X					
Insufficient Water	Inefficient Moisture Management	345	Residue and Tillage Management, Reduced till	X						
Insufficient Water	Inefficient Moisture Management	512	Forage and Biomass Planting			X				
Insufficient Water	Inefficient Moisture Management	666	Forest Stand Improvement					X	X	X

Applicable Practices by Resource Concern, Cause, and Land Use

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Insufficient Water	Inefficient Use of Irrigation Water	328	Conservation Crop Rotation	X						
Insufficient Water	Inefficient Use of Irrigation Water	329	Residue and Tillage Management, No Till	X						
Insufficient Water	Inefficient Use of Irrigation Water	340	Cover Crop	X	X					
Insufficient Water	Inefficient Use of Irrigation Water	345	Residue and Tillage Management, Reduced till	X						
Insufficient Water	Inefficient Use of Irrigation Water	430	Irrigation Pipeline	X						
Insufficient Water	Inefficient Use of Irrigation Water	441	Irrigation System, Microirrigation					X		
Insufficient Water	Inefficient Use of Irrigation Water	442	Sprinkler System	X	X	X				
Insufficient Water	Inefficient Use of Irrigation Water	443	Irrigation System, Surface and Subsurface	X	X	X				
Insufficient Water	Inefficient Use of Irrigation Water	449	Irrigation Water Management	X	X	X				
Insufficient Water	Inefficient Use of Irrigation Water	533	Pumping Plant	X						
Insufficient Water	Inefficient Use of Irrigation Water	587	Structure for Water Control	X						
Livestock Production Limitation	Inadequate Feed and Forage	314	Brush Management				X	X		
Livestock Production Limitation	Inadequate Feed and Forage	315	Herbaceous Weed Control				X			
Livestock Production Limitation	Inadequate Feed and Forage	328	Conservation Crop Rotation	X						
Livestock Production Limitation	Inadequate Feed and Forage	338	Prescribed Burning				X	X	X	
Livestock Production Limitation	Inadequate Feed and Forage	512	Forage and Biomass Planting		X	X			X	
Livestock Production Limitation	Inadequate Feed and Forage	528	Prescribed Grazing				X	X	X	
Livestock Production Limitation	Inadequate Shelter	380	Windbreak Shelterbelt Establishment				X	X		
Livestock Production Limitation	Inadequate Shelter	528	Prescribed Grazing					X		
Livestock Production Limitation	Inadequate Shelter	576	Livestock Shelter Structure				X	X	X	
Livestock Production Limitation	Inadequate Shelter	614	Watering Facility				X			
Livestock Production Limitation	Inadequate Water	528	Prescribed Grazing					X		
Livestock Production Limitation	Inadequate Water	614	Watering Facility				X	X	X	
Soil Erosion	Classic Gully Erosion	342	Critical Area Planting	X	X	X	X	X	X	X
Soil Erosion	Classic Gully Erosion	410	Grade Stabilization Structure AND/OR 412-Grassed Waterway	X	X				X	
Soil Erosion	Classic Gully Erosion	412	Grassed Waterway	X	X					X
Soil Erosion	Classic Gully Erosion	528	Prescribed Grazing				X	X		
Soil Erosion	Classic Gully Erosion	558	Roof Runoff Structure							X
Soil Erosion	Classic Gully Erosion	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X
Soil Erosion	Classic Gully Erosion	655	Forest Trails and Landings					X		
Soil Erosion	Classic Gully Erosion	666	Forest Stand Improvement					X	X	X

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Soil Erosion	Ephemeral Gully Erosion	342	Critical Area Planting	X	X					
Soil Erosion	Ephemeral Gully Erosion	412	Grassed Waterway	X	X					
Soil Erosion	Ephemeral Gully Erosion	654	Road/Trail/Landing Closure and Treatment	X	X					
Soil Erosion	Sheet and Rill Erosion	327	Conservation Cover	X	X				X	X
Soil Erosion	Sheet and Rill Erosion	328	Conservation Crop Rotation	X						
Soil Erosion	Sheet and Rill Erosion	329	Residue and Tillage management, No Till	X						
Soil Erosion	Sheet and Rill Erosion	340	Cover Crop	X	X					
Soil Erosion	Sheet and Rill Erosion	342	Critical Area Planting	X	X	X	X	X	X	X
Soil Erosion	Sheet and Rill Erosion	345	Residue and Tillage management, Reduced till	X						
Soil Erosion	Sheet and Rill Erosion	386	Field Border	X	X				X	
Soil Erosion	Sheet and Rill Erosion	449	Irrigation Water Management	X	X					
Soil Erosion	Sheet and Rill Erosion	512	Forage and Biomass Planting	X	X	X				
Soil Erosion	Sheet and Rill Erosion	528	Prescribed Grazing			X	X			
Soil Erosion	Sheet and Rill Erosion	612	Tree/Shrub Establishment	X	X					
Soil Erosion	Sheet and Rill Erosion	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X
Soil Erosion	Sheet and Rill Erosion	655	Forest Trails and Landings					X		
Soil Erosion	Sheet and Rill Erosion	666	Forest Stand Improvement					X	X	X
Soil Erosion	Streambank, Shoreline, Water Conveyance Channels	342	Critical Area Planting	X	X	X	X	X	X	X
Soil Erosion	Streambank, Shoreline, Water Conveyance Channels	528	Prescribed Grazing			X	X			
Soil Erosion	Streambank, Shoreline, Water Conveyance Channels	580	Streambank and Shoreline Protection	X	X	X	X	X	X	X
Soil Erosion	Wind Erosion	327	Conservation Cover	X	X				X	X
Soil Erosion	Wind Erosion	328	Conservation Crop Rotation	X						
Soil Erosion	Wind Erosion	329	Residue and Tillage management, No Till	X						
Soil Erosion	Wind Erosion	340	Cover Crop	X	X					
Soil Erosion	Wind Erosion	342	Critical Area Planting	X	X	X	X	X	X	X
Soil Erosion	Wind Erosion	345	Residue and Tillage management, Reduced till	X						
Soil Erosion	Wind Erosion	380	Windbreak/Shelterbreak Establishment	X	X					
Soil Erosion	Wind Erosion	386	Field Border	X	X				X	
Soil Erosion	Wind Erosion	422	Hedgerow	X	X					
Soil Erosion	Wind Erosion	512	Forage and Biomass Planting	X	X					
Soil Erosion	Wind Erosion	528	Prescribed Grazing				X			
Soil Erosion	Wind Erosion	612	Tree/Shrub Establishment	X	X					
Soil Erosion	Wind Erosion	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X
Soil Erosion	Wind Erosion	655	Forest Trails and Landings					X		
Soil Erosion	Wind Erosion	666	Forest Stand Improvement					X	X	X
Soil Quality Degradation	Compaction	328	Conservation Crop Rotation	X						
Soil Quality Degradation	Compaction	340	Cover Crop	X	X					
Soil Quality Degradation	Compaction	528	Prescribed Grazing			X	X			
Soil Quality Degradation	Compaction	666	Forest Stand Improvement					X	X	X
Soil Quality Degradation	Concentration of Salts and other Chemicals	328	Conservation Crop Rotation	X						

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Soil Quality Degradation	Concentration of Salts and other Chemicals	342	Critical Area Planting	X	X	X	X	X	X	X
Soil Quality Degradation	Concentration of Salts and other Chemicals	449	Irrigation Water Management	X	X					
Soil Quality Degradation	Organic Matter Depletion	327	Conservation Cover	X	X					
Soil Quality Degradation	Organic Matter Depletion	328	Conservation Crop Rotation	X						
Soil Quality Degradation	Organic Matter Depletion	329	Residue and Tillage management, No Till	X						
Soil Quality Degradation	Organic Matter Depletion	340	Cover Crop	X	X					
Soil Quality Degradation	Organic Matter Depletion	345	Residue and Tillage management, Reduced till	X						
Soil Quality Degradation	Organic Matter Depletion	386	Field Border	X	X				X	
Soil Quality Degradation	Organic Matter Depletion	484	Mulching	X						
Soil Quality Degradation	Organic Matter Depletion	512	Forage and Biomass Planting	X	X	X				
Soil Quality Degradation	Organic Matter Depletion	666	Forest Stand Improvement					X	X	X
Soil Quality Degradation	Subsidence	666	Forest Stand Improvement					X	X	X
Water Quality Degradation	Elevated Water Temperature	391	Riparian Forest Buffer	X	X	X		X	X	X
Water Quality Degradation	Elevated Water Temperature	528	Prescribed Grazing			X	X			
Water Quality Degradation	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Ground Water	528	Prescribed Grazing				X			
Water Quality Degradation	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Ground Water	561	Heavy Use Area Protection							X
Water Quality Degradation	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Ground Water	590	Nutrient Management	X	X					
Water Quality Degradation	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water	393	Filter Strips	X	X				X	
Water Quality Degradation	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water	472	Access Control							X
Water Quality Degradation	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water	472	Access Control	X	X	X	X	X	X	
Water Quality Degradation	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water	528	Prescribed Grazing			X	X		X	

Applicable Practices by Resource Concern, Cause, and Land Use

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Water Quality Degradation	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water	561	Heavy Use Area Protection							X
Water Quality Degradation	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water	590	Nutrient Management	X	X	X				
Water Quality Degradation	Excessive Sediment in Surface Water	390	Riparian Herbaceous Cover	X	X				X	X
Water Quality Degradation	Excessive Sediment in Surface Water	391	Riparian Forest Buffer	X	X			X	X	X
Water Quality Degradation	Excessive Sediment in Surface Water	393	Filter Strip	X	X				X	X
Water Quality Degradation	Excessive Sediment in Surface Water	412	Grassed Waterway	X	X				X	X
Water Quality Degradation	Excessive Sediment in Surface Water	512	Forage and Biomass Planting	X	X					
Water Quality Degradation	Excessive Sediment in Surface Water	528	Prescribed Grazing				X	X		
Water Quality Degradation	Excessive Sediment in Surface Water	558	Roof Runoff Structure							X
Water Quality Degradation	Excessive Sediment in Surface Water	570	Stormwater Runoff Control						X	X
Water Quality Degradation	Excessive Sediment in Surface Water	612	Tree/Shrub Establishment	X	X					
Water Quality Degradation	Excessive Sediment in Surface Water	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X
Water Quality Degradation	Excessive Sediment in Surface Water	655	Forest Trails and Landings					X		
Water Quality Degradation	Nutrients in Ground Water	328	Conservation Crop Rotation	X						
Water Quality Degradation	Nutrients in Ground Water	340	Cover Crop	X						
Water Quality Degradation	Nutrients in Ground Water	528	Prescribed Grazing			X	X			
Water Quality Degradation	Nutrients in Ground Water	590	Nutrient Management	X	X	X		X		
Water Quality Degradation	Nutrients in Surface Water	328	Conservation Crop Rotation	X						
Water Quality Degradation	Nutrients in Surface Water	340	Cover Crop	X	X					
Water Quality Degradation	Nutrients in Surface Water	390	Riparian Herbaceous Cover	X	X				X	
Water Quality Degradation	Nutrients in Surface Water	391	Riparian Forest Buffer	X	X			X	X	
Water Quality Degradation	Nutrients in Surface Water	393	Filter Strip	X	X				X	X
Water Quality Degradation	Nutrients in Surface Water	472	Access Control	X	X	X	X	X	X	X
Water Quality Degradation	Nutrients in Surface Water	512	Forage and Biomass Planting							X
Water Quality Degradation	Nutrients in Surface Water	528	Prescribed Grazing			X	X			
Water Quality Degradation	Nutrients in Surface Water	554	Drainage Water Management	X	X				X	
Water Quality Degradation	Nutrients in Surface Water	590	Nutrient Management	X	X	X		X		
Water Quality Degradation	Nutrients in Surface Water	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X

Resource Concern Name	Cause Name	Code	Description	Crop Annual	Crop Perennial	Pasture	Range	Forest	AAL	Farmstead
Water Quality Degradation	Nutrients in Surface Water	655	Forest Trails and Landings					X		
Water Quality Degradation	Pesticides in Ground Water	314	Brush Management			X	X			
Water Quality Degradation	Pesticides in Ground Water	315	Herbaceous Weed Control			X	X			
Water Quality Degradation	Pesticides in Ground Water	595	Integrated Pest Management	X	X	X	X	X		X
Water Quality Degradation	Pesticides in Surface Water	314	Brush Management			X	X			
Water Quality Degradation	Pesticides in Surface Water	315	Herbaceous Weed Control			X	X			
Water Quality Degradation	Pesticides in Surface Water	595	Integrated Pest Management	X	X			X		X
Water Quality Degradation	Pesticides in Surface Water	654	Road/Trail/Landing Closure and Treatment	X	X	X	X			X
Water Quality Degradation	Pesticides in Surface Water	655	Forest Trails and Landings					X		
Water Quality Degradation	Petroleum, Heavy Metal and Other Pollutants Transported to Ground Water	319	On-Farm Secondary Containment Facility	X	X	X	X	X	X	X
Water Quality Degradation	Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water	319	On-Farm Secondary Containment Facility	X	X	X	X	X	X	X
Water Quality Degradation	Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water	319	On-Farm Secondary Containment Facility					X		
Water Quality Degradation	Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water	319	On-Farm Secondary Containment Facility				X			
Water Quality Degradation	Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water	319	On-Farm Secondary Containment Facility			X				
Water Quality Degradation	Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water	319	On-Farm Secondary Containment Facility		X					
Water Quality Degradation	Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water	528	Prescribed Grazing			X				
Water Quality Degradation	Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water	654	Road/Trail/Landing Closure and Treatment	X	X	X	X		X	X
Water Quality Degradation	Petroleum, Heavy Metal and Other Pollutants Transported to Surface Water	655	Forest Trails and Landings					X		
Water Quality Degradation	Salts in Ground Water	328	Conservation Crop Rotation	X						
Water Quality Degradation	Salts in Surface Water	328	Conservation Crop Rotation	X						
Water Quality Degradation	Salts in Surface Water	449	Irrigation Water Management	X	X	X				