

No Compatibility Issues	Prior to FY17 Enhancement	Enhancement Code	Consolidated Enhancement Name
Needs NDL Technical Review	WQL01	E314A	Brush management to improve wildlife habitat
Incompatible			
	WQL01	E315A	Herbaceous weed treatment to create desired plant communities consistent with the ecological site
	PLT15	E327A	Conservation cover for pollinators and beneficial insects
	PLT15	E327B	Establishing Monarch butterfly habitat
	PLT19		
	CCR99	E328A	Resource conserving crop rotation
	CCR98	E328B	Improved resource conserving crop rotation
	SQL10	E328C	Conservation crop rotation on recently converted CRP grass/legume cover

ANM34	E328D	Leave standing grain crops unharvested to benefit wildlife
	E328E	Soil health crop rotation
	E328F	Modifications to improve soil health and increase soil organic matter
SQL10	E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement
	E328H	Conservation crop rotation to reduce the concentration of salts
	E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients
	E328J	Improved crop rotation to provide benefits to pollinators
	E328K	Multiple crop types to benefit wildlife
ANM34	E328L	Leaving tall crop residue for wildlife
	E328M	Diversify crop rotation with canola or sunflower to benefit pollinators
	E328N	Intercropping to improve soil health
	E328O	Perennial grain crop conservation rotation
	E328P	Low Nitrogen Requirement Annual Crop Rotation
SOE05	E329A	No till to reduce soil erosion
SOE05	E329B	No till to reduce tillage induced particulate matter
ENR01	E329C	No till to increase plant-available moisture
SOE05	E329D	No till system to increase soil health and soil organic matter content
ENR01	E329E	No till to reduce energy

SQL01	E334A	Controlled traffic farming to reduce compaction
ANM11	E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat
PLT21	E338B	Short-interval burns to promote a healthy herbaceous plant community
	E338C	Sequential patch burning
SQL12	E340A	Cover crop to reduce soil erosion
	E340B	Intensive cover cropping to increase soil health and soil organic matter content
SQL04	E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter
SQL11	E340D	Intensive orchard/vineyard floor cover cropping to increase soil health
	E340E	Use of soil health assessment to assist with development of cover crop mix to improve soil health
SQL05	E340F	Cover crop to minimize soil compaction
WQL10	E340G	Cover crop to reduce water quality degradation by utilizing excess soil nutrients
PLT19	E340H	Cover crop to suppress excessive weed pressures and break pest cycles
PLT20	E340I	Using cover crops for biological strip till
	E345A	Reduced tillage to reduce soil erosion
	E345B	Reduced tillage to reduce tillage induced particulate matter

ENR01	E345C	Reduced tillage to increase plant-available moisture
	E345D	Reduced tillage to increase soil health and soil organic matter content
	E345E	Reduced tillage to reduce energy use
	E373A	Dust suppressant re-application for stabilization
	E376A	Modify field operations to reduce particulate matter
	E381A	Silvopasture to improve wildlife habitat
ANM27	E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources
	E382B	Installing electrical fence offsets and wire to facilitate cross-fencing for improved grazing management
	E383A	Grazing-maintained fuel break to reduce the risk of fire
	E384A	Biochar production from woody residue
	E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field
	E386B	Enhanced field borders to increase carbon storage along the edge(s) of the field
	E386C	Enhanced field borders to decrease particulate emissions along the edge(s) of the field
PLT15	E386D	Enhanced field borders to increase food for pollinators along the edge(s) of a field
ANM07	E386E	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field
ANM32	E390A	Increase riparian herbaceous cover width for sediment and nutrient reduction
ANM32	E390B	Increase riparian herbaceous cover width to enhance wildlife habitat
ANM05	E391A	Increase riparian forest buffer width for sediment and nutrient

ANM33	E391A	reduction
	E391B	Increase stream shading for stream temperature reduction
ANM05	E391C	Increase riparian forest buffer width to enhance wildlife habitat
ANM33		
ANM07	E393A	Extend existing filter strip to reduce water quality impacts
ANM32		
	E395A	Stream habitat improvement through placement of woody biomass
	E399A	Fishpond management for native aquatic and terrestrial species
	E412A	Enhance a grassed waterway
	E420A	Establish pollinator habitat
	E420B	Establish monarch butterfly habitat
	E447A	Advanced Tailwater Recovery
WQT03	E449A	Complete pumping plant evaluation for water savings
	E449B	Alternated Wetting and Drying (AWD) of rice fields
	E449C	Advanced Automated IWM – Year 2-5, soil moisture monitoring
	E449D	Advanced Automated IWM – Year 1, Equipment and soil moisture or water level monitoring
	E449E	Convert from Cascade to Furrow Irrigated Rice Production – reduce irrigation water consumption
	E449F	Intermediate IWM – Year 1, Equipment with Soil or Water Level monitoring

	E449G	Intermediate IWM— Years 2-5, Soil or Water Level monitoring
	E449H	Intermediate IWM— Years 2 -5, using soil moisture or water level monitoring
	E449I	IWM - Year 1, Retrofit Equipment with Speed Control on Sprinkler Irrigation System
	E449J	Intermediate IWM – 20% Reduced Water usage
	E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water
	E484A	Mulching to improve soil health
	E484B	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch
	E484C	Mulching with natural materials in specialty crops for weed control
ANM10	E511A	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape
ANM10	E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity
	E511C	Forage testing for improved harvesting methods and hay quality
	E511D	Forage harvest management to improve terrestrial habitat for wildlife and invertebrates during critical over-winter periods
SQL09	E512A	Cropland conversion to grass-based agriculture to reduce soil erosion
	E512B	Forage plantings that help increase organic matter in depleted soils
SQL09	E512C	Cropland conversion to grass for soil organic matter

	E512D	Forage plantings that help increase organic matter in depleted soils
SQL09	E512E	Forage and biomass planting that produces feedstock for biofuels or energy production.
ANM03	E512F	Establishing native grass or legumes in forage base to improve the plant community
ANM23		
ANM03	E512G	Native grasses or legumes in forage base
ANM23		
	E512H	Forage plantings that enhance bird habitat cover and shelter or structure and composition
PLT15	E512I	Establish pollinator and/or beneficial insect and/or monarch habitat
	E512J	Establish wildlife corridors to provide habitat continuity or access to water
	E512K	Livestock forage planting that enhance wildlife habitat cover, structure and composition.
	E512L	Diversifying forage base with interseeding forbs and legumes to increase pasture quality
	E512M	Establishing native grass or legume to improve the plant community

ANM17	E528A	Maintaining quantity and quality of forage for animal health and productivity
ANM29		
PLT16		
	E528B	Grazing management that improves monarch butterfly habitat
	E528C	Incorporating wildlife refuge areas in contingency plans for wildlife.
ANM09	E528D	Grazing management for improving quantity and quality of food or cover and shelter for wildlife
ANM37	E528E	Improved grazing management for enhanced plant structure and composition for wildlife
ANM25	E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health
	E528G	Improved grazing management on pasture for plant productivity and health with monitoring activities
PLT16	E528H	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature
	E528I	Grazing management that protects sensitive areas -surface or ground water
PLT16	E528J	Prescribed grazing on pastureland that improves riparian and watershed function.
PLT16	E528L	Prescribed grazing that improves or maintains riparian and watershed
	E528M	Grazing management that protects sensitive areas from gully erosion



PLT02		
	E528N	Improved grazing management through monitoring activities
	E528O	Clipping mature forages to set back vegetative growth for improved forage quality
	E528P	Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water
	E528Q	Use of body condition scoring for livestock on a monthly basis to keep track of herd health
	E528R	Management Intensive Rotational Grazing
	E528S	Soil Health Improvements on Pasture
	E528T	Grazing to Reduce Wildfire Risks on Forests
	E533A	Advanced Pumping Plant Automation
	E533B	Complete pumping plant evaluation for energy savings
ENR09	E533C	Install variable frequency drive(s) on pump(s)
	E533D	Switch fuel source for pump motor(s)
ANM21	E550A	Range planting for increasing/maintaining organic matter
ANM21	E550B	Range planting for improving forage, browse, or cover for wildlife
	E570A	Enhanced rain garden for wildlife
	E578A	Stream crossing elimination
	E580A	Stream corridor bank stability improvement
	E580B	Stream corridor bank vegetation improvement
AIR09		
WQL04, not compatible to select tissue testing as an activity of E590A		
WQL05		
WQL07		
	E590A	Improving nutrient uptake efficiency and reducing risk of

WQL24	E590A	nutrient losses
WQL25		
WQL11	E590B	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies
	E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture
AIR04	E595A	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques
AIR07		
WQL13	E595B	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques
WQL21		
	E595D	Increase the size requirement of refuges planted to slow pest resistance to Bt crops
	E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles
	E595F	Improving soil organism habitat on agricultural land
	E595G	Reduced resistance risk by utilizing PAMS techniques
	E612B	Planting for high carbon sequestration rate
	E612C	Establishing tree/shrub species to restore native plant communities
PLT05	E612D	Adding food-producing trees and shrubs to existing plantings
PLT06		
PLT18		
PLT05	E612E	Cultural plantings
PLT05	E612F	Sugarbush management

	E612G	Tree/shrub planting for wildlife food
PLT21	E643A	Restoration of sensitive coastal vegetative communities
	E643B	Restoration and management of rare or declining habitat
	E643C	Restore glade habitat to benefit threatened and endangered species and state species of concern
	E644A	Managing Flood-Irrigated Landscapes for Wildlife
	E645A	Reduction of attractants to human- subsidized predators in sensitive wildlife species habitat
	E645B	Manage existing shrub thickets to provide adequate shelter for wildlife
	E645C	Edge feathering for wildlife cover
	E645D	Enhanced Wildlife Habitat Management for Upland Landscapes
	E646A	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat
	E646B	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat
	E646C	Manipulate vegetation and maintain closed structures for shorebirds mid- summer habitat
ANM12	E646D	Manipulate vegetation and maintain closed structures for shorebird late summer habitat

	E647A	Manipulate vegetation on fields with captured rainfall for waterfowl & wading bird winter habitat
	E647B	Provide early successional shorebird habitat between first crop and ratoon crop
	E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat
	E647D	Establish and maintain early successional habitat in ditches and bank borders
	E645C	Edge feathering for wildlife cover
	E645D	Managing Upland Landscapes for Wildlife
	E666A	Maintaining and improving forest soil quality
	E666D	Forest management to enhance understory vegetation
PLT21	E666E	Reduce height of the forest understory to limit wildfire risk
	E666F	Reduce forest stand density to create open stand structure
	E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat
	E666H	Increase on-site carbon storage
PLT18	E666I	Crop tree management for mast production
	E666J	Facilitating oak forest regeneration
PLT17	E666K	Creating structural diversity with patch openings
	E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands

	E666O	Snags, den trees, and coarse woody debris for wildlife habitat
	E666P	Summer roosting habitat for native forest- dwelling bat species
	E666R	Forest songbird habitat maintenance
	E666S	Facilitating longleaf pine regeneration and establishment

Prior Enhancement Codes	New for FY2023
E314133Z	
E314134Z	
WQL01	
E315132Z	
E315133Z	
E315134Z	
WQL01	
E327136Z1	
E327137Z	
E327139Z	
PLT15	
E327136Z2	
PLT15	
E328101R	
E328102R	
E328106R	
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E328134R	
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