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Code	Enhancement Name	Annual/Mixed	Crop Perennial	Pasture	Forest Associated Ag Land	Farmstead	Not Compatible										
E314133Z	Brush management for improved structure and composition			X	X			E314134Z	E327137Z	E666115Z2	E666118Z	E666119Z	E666132Z2	E666134Z	E666135Z1	E666136Z2	E666137Z7	E666132Z3
								E666135Z3	E666136Z4									
E314134Z	Brush management that maintains or enhances wildlife or fish habitat			X	X			E314133Z	E666115Z2	E666118Z	E666119Z	E666132Z2	E666134Z	E666135Z1	E666136Z2	E666137Z7	E666135Z3	E666136Z4
E315132Z	Herbaceous weed control that helps create desired plant communities and habitats consistent with the ecological site.			X	X			E315134Z										
E315133Z	Herbaceous weed control (for inadequate structure and composition) that helps create desired plant communities and habitats consistent with the ecological site				X			E315134Z										
E315134Z	Herbaceous weed control for plant pest pressures that helps create desired plant communities and habitats consistent with the ecological site.			X	X	X		E315132Z	E315133Z									
E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	X	X		X	X	X	E327136Z2	E327137Z	E327139Z	Not compatible with any 338 enhancements in first year							
E327136Z2	Establish Monarch butterfly habitat	X	X			X	X	E512139Z3	E327136Z1	E327137Z	E327139Z							
E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	X	X		X	X	X	E327136Z1	E327136Z2	E327139Z	E314133Z	Not compatible with any 338 enhancements in first year						
E327139Z	Conservation cover to provide habitat continuity for pollinators and beneficial insects	X	X		X	X	X	E327136Z1	E327136Z2	E327137Z	Not compatible with any 338 enhancements in first year							
E328101I	Improved resource conserving crop rotation to reduce water erosion	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328101R	Resource conserving crop rotation to reduce water erosion	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328102I	Improved resource conserving crop rotation to reduce wind erosion	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328102R	Resource conserving crop rotation to reduce wind erosion	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328102Z	Conservation crop rotation on recently converted CRP grass/legume cover for wind erosion	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328106I	Improved resource conserving crop rotation for soil organic matter improvement	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328106R	Resource conserving crop rotation for soil organic matter improvement	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328106Z1	Soil health crop rotation	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328106Z2	Modifications to improve soil health and increase soil organic matter	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328107I	Improved resource conserving crop rotation to improve soil compaction	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328107R	Resource conserving crop rotation to improve soil compaction	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328109Z	Conservation crop rotation to reduce the concentration of salts	X						RCCR or IRCCR	Not compatible with any other 328 associated enhancements									
E328118Z	Conservation crop rotation to reduce water quality degradation by utilization and removal of excess soil nutrients with forage harvest.	X	X					RCCR or IRCCR	Not compatible with any other 328 associated enhancements									

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Code	Enhancement Name	Annual/Mixed	Crop Perennial	Pasture	Forest Associated Ag Land	Farmstead	Not Compatible									
E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	X					RCCR or IRCCR	Not compatible with any other 328 associated enhancements								
E328134R	Resource conserving crop rotation to relieve plant pest pressure	X					RCCR or IRCCR	Not compatible with any other 328 associated enhancements								
E328136Z	Leave standing grain crops unharvested to benefit wildlife food sources	X					RCCR or IRCCR	Not compatible with any other 328 associated enhancements								
E328136Z2	Improved crop rotation to provide benefits to pollinators	X					RCCR or IRCCR	Not compatible with any other 328 associated enhancements								
E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	X					RCCR or IRCCR	Not compatible with any other 328 associated enhancements								
E329101Z	No till to reduce water erosion	X					Not compatible with any other 329 or any 345 associated enhancements									
E329102Z	No till system to reduce wind erosion	X					Not compatible with any other 329 or any 345 associated enhancements									
E329106Z	No till system to increase soil health and soil organic matter content	X					Not compatible with any other 329 or any 345 associated enhancements									
E329114Z	No till to increase plant-available moisture: irrigation water	X					Not compatible with any other 329 or any 345 associated enhancements									
E329115Z	No till to increase plant-available moisture: moisture management	X					Not compatible with any other 329 or any 345 associated enhancements									
E329128Z	No till to reduce tillage induced particulate matter	X					E376128Z	Not compatible with any other 329 or any 345 associated enhancements								
E329144Z	No till to reduce energy	X					Not compatible with any other 329 or any 345 associated enhancements									
E334107Z	Controlled traffic farming to reduce compaction	X	X													
E338134Z	Strategically planned, patch burning for grazing distribution and wildlife habitat (undesirable plant pressure)						E338135Z	Not compatible with any 327 associated enhancements (first year) EXCEPT E327136Z2				Not compatible with any 612 associated enhancements				
E338135Z	Strategically planned, patch burning for grazing distribution and wildlife habitat (fuel loading)						E338134Z	Not compatible with any 327 associated enhancements (first year) EXCEPT E327136Z2				Not compatible with any 612 associated enhancements				
E338136Z	Short-interval burns to promote a healthy herbaceous plant community for wildlife food				X		E338137Z1	E338137Z2	E338140Z	E666130Z	E666137Z2	Not compatible with any 612 associated		Not compatible with any 327 associated		
							E666132Z1	E666133X except in oak/hickory	E666137Z1	E666137Z5	E666106Z1	E666106Z2	E666107Z	E327136Z1 not compatible in first year	E327137Z	E327139Z
E338137Z1	Sequential patch burning				X		E338137Z2	E338140Z	E338136Z	Not compatible with any 612 associated		Not compatible with any 327 associated enhancements				
E338137Z2	Short-interval burn				X		E338137Z1	E338140Z	E666130Z	E666137Z2	Not compatible with any 612 associated			Not compatible with any 327 associated		
							E666132Z1	E666133X except in oak/hickory	E666137Z1	E666137Z5	E666106Z1	E666106Z2	E666107Z	E327136Z1 not compatible in first year	E327137Z	E327139Z
E338140Z	Short-interval prescribed burning to promote a healthy herbaceous plant community				X		E338137Z1	E338137Z2	E666130Z	E666137Z2	Not compatible with any 612 associated			Not compatible with any 327 associated		
							E666132Z1	E666133X except in oak/hickory	E666137Z1	E666137Z5	E666106Z1	E666106Z2	E666107Z	E327136Z1 not compatible in first year	E327137Z	E327139Z
E340101Z	Cover crop to reduce water erosion	X	X				Not compatible with any other 340 associated enhancements									
E340102Z	Cover crop to reduce wind erosion	X	X				Not compatible with any other 340 associated enhancements									
E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	X					Not compatible with any other 340 associated enhancements									
E340106Z2	Use of multi-species cover crops to improve soil health and increase soil organic matter	X	X				Not compatible with any other 340 associated enhancements									
E340106Z3	Intensive cover cropping (orchard or vineyard floor) to increase soil health and soil organic matter content		X				Not compatible with any other 340 associated enhancements									
E340106Z4	Use of soil health assessment to assist with development of cover crop mix to improve soil health and increase soil organic matter	X					Not compatible with any other 340 associated enhancements									
E340107Z	Cover crop to minimize soil compaction	X	X				Not compatible with any other 340 associated enhancements									
E340118Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	X	X				Not compatible with any other 340 associated enhancements									

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Code	Enhancement Name	Annual/Mixed	Crop Perennial	Pasture	Forest Associated Ag	Land	Farmstead	Not Compatible										
E340119Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	X	X					Not compatible with any other 340 associated enhancements										
E340134Z	Cover crop to suppress excessive weed pressures and break pest cycles	X	X					Not compatible with any other 340 associated enhancements										
E345101Z	Reduced tillage to reduce water erosion	X						Not compatible with any other 345 or any 329 associated enhancements										
E345102Z	Reduced tillage to reduce wind erosion	X						Not compatible with any other 345 or any 329 associated enhancements										
E345106Z	Reduced tillage to increase soil health and soil organic matter content	X						Not compatible with any other 345 or any 329 associated enhancements										
E345114Z	Reduced tillage to increase plant-available moisture: irrigation water	X						Not compatible with any other 345 or any 329 associated enhancements										
E345115Z	Reduced tillage to increase plant-available moisture: moisture management	X						Not compatible with any other 345 or any 329 associated enhancements										
E345128Z	Reduced tillage to reduce tillage induced particulate matter	X						E376128Z	Not compatible with any other 345 or any 329 associated enhancements									
E345144Z	Reduced tillage to reduce energy use	X						Not compatible with any other 345 or any 329 associated enhancements										
E374144Z1	Install variable frequency drive(s) on pump(s)	X	X	X		X	X	E374144Z2										
E374144Z2	Switch fuel source for pump motor(s)	X	X	X		X	X	E374144Z1										
E376128Z	Modify field operations to reduce particulate matter	X	X					E329128Z	E345128Z									
E381133Z	Silvopasture for wildlife habitat (structure and composition)			X	X	X		E381137Z										
E381137Z	Silvopasture for wildlife habitat (cover and shelter)			X	X	X		E381133Z										
E382136Z	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources.			X														
E383135Z	Grazing-maintained fuel break to reduce the risk of fire				X													
E384135Z	Biochar production from woody residue				X	X												
E386101Z	Enhanced field borders to reduce water induced erosion along the edge(s) of a field	X	X			X		Not compatible with any other 386 associated enhancements										
E386102Z	Enhanced field borders to reduce wind induced erosion along the windward side(s) of a field	X	X			X		Not compatible with any other 386 associated enhancements										
E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	X	X			X		Not compatible with any other 386 associated enhancements										
E386128Z	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	X	X			X		Not compatible with any other 386 associated enhancements										
E386136Z	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	X	X			X		Not compatible with any other 386 associated enhancements										
E386137Z	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	X	X			X		Not compatible with any other 386 associated enhancements										
E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	X	X			X		Not compatible with any other 386 associated enhancements										
E390118Z	Increase riparian herbaceous cover width for nutrient reduction	X	X					E390126Z	E390136Z	Not compatible with any 391 enhancements								
E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	X	X					E390118Z	E390136Z	Not compatible with any 391 enhancements								
E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	X	X	X		X	X	E390118Z	E390126Z	Not compatible with any 391 enhancements								
E391118Z	Increase riparian forest buffer width for nutrient reduction	X	X					E391126Z	E391127Z	E391136Z	Not compatible with any 390 enhancements							
E391126Z	Increase riparian forest buffer width to reduce sediment loading	X	X					E391118Z	E391127Z	E391136Z	Not compatible with any 390 enhancements							
E391127Z	Increase stream shading for stream temperature reduction	X	X	X	X	X	X	E391118Z	E391126Z	E391136Z	Not compatible with any 390 enhancements							

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Code	Enhancement Name	Annual/Mixed	Crop Perennial	Pasture	Forest Associated Ag Land	Farmstead	Not Compatible										
E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	X	X	X	X	X	X	E391118Z	E391126Z	E391127Z	Not compatible with any 390 enhancements						
E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	X	X			X		E393122Z	E393126Z								
E393122Z	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	X	X			X		E393118Z	E393126Z								
E393126Z	Extend existing filter strip to reduce excess sediment in surface water	X	X			X		E393118Z	E393122Z								
E395137X	Stream habitat improvement through placement of woody biomass	X	X	X	X	X											
E399137X	Fishpond management for native aquatic and terrestrial species	X	X	X	X	X	X	E666137Z2									
E449114Z5	Complete pumping plant evaluation for all pumps on a farm	X	X	X		X	X	E449144Z									
E449114Z6	Automated Intermittent flood irrigation of rice fields. Year 2-5	X						E449114Z8	E449114Z7								
E449114Z7	Advanced Automated IWM - Year 2-5. Soil moisture monitoring	X	X	X				E449114Z8	E449114Z6								
E449114Z8	Advanced Automated IWM - Year 1. Equipment and soil moisture or water level monitoring	X	X	X				E449114Z6	E449114Z7								
E449144Z	Complete pumping plant evaluation for all pumps on a farm.	X	X	X		X	X	E449114Z5									
E472118Z	Manage livestock access to streams, ditches, and other waterbodies to reduce nutrients in surface water	X	X	X	X	X	X	E472122Z									
E472122Z	Manage livestock access to streams, ditches, and other waterbodies to reduce pathogens in surface water	X	X	X	X	X	X	E472118Z									
E484106Z	Mulching to improve soil health	X						RCCR or IRCCR									
E484128Z	Reduce particulate matter emissions by using orchard and vineyard genereated woody materials as mulch		X														
E511137Z1	Harvest of crops (hay or small grains) using conservation measures that allow desired species to flush or escape. <species list State Wildlife Action Plan>	X	X														
E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	X	X	X				E511139Z2									
E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	X	X	X				E511137Z2									
E512101Z1	Cropland conversion to grass-based agriculture to reduce water erosion	X	X					E512102Z	E512106Z1	E512132Z1	E512140Z						
E512101Z2	Forage and biomass planting for water erosion to improve soil health			X				Not compatible with any other 512 associated enhancements									
E512102Z	Cropland conversion to grass-based agriculture to reduce wind erosion	X	X					E512101Z1	E512106Z1	E512132Z1	E512140Z						
E512106Z1	Cropland conversion to grass-based agriculture for soil organic matter improvement	X	X					E512101Z1	E512102Z	E512132Z1	E512140Z						
E512106Z2	Forage plantings that can help increase organic matter in depleted soils			X				Not compatible with any other 512 associated enhancements									
E512132Z1	Forage and biomass planting that produces feedstock for biofuels or energy production	X	X					E512101Z1	E512101Z2	E512102Z	E512106Z1	E512140Z					
E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health			X				E512133Z1	E512136Z2	E512140Z							

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Code	Enhancement Name	Annual/Mixed	Crop Perennial	Pasture	Forest Associated Ag Land	Farmstead	Not Compatible										
E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition			X		X		E512132Z2	E512136Z2	E512140Z							
E512133Z2	Forage plantings that enhance bird habitat (structure and composition)			X		X		Not compatible with any other 512 associated enhancements									
E512136Z1	Establish pollinator and/or beneficial insect food habitat			X				E512139Z2									
E512136Z2	Native grass or legumes in forage base to provide wildlife food			X				E512132Z2	E512133Z1	E512140Z							
E512137Z	Forage plantings that enhance bird habitat (cover and shelter)			X				Not compatible with any other 512 associated enhancements									
E512138Z	Establish wildlife corridors to enhance access to water			X		X	X	E512139Z1									
E512139Z1	Establish wildlife corridors to provide habitat continuity			X		X	X	E512138Z									
E512139Z2	Establish pollinator and/or beneficial insect habitat continuity (space)			X		X	X	E512136Z1									
E512139Z3	Establish Monarch butterfly habitat in pastures			X		X	X	E327136Z2									
E512140Z	Native grasses or legumes in forage base		X	X		X		E512132Z2	E512133Z1	E512136Z2	E512101Z1	E512102Z	E512106Z1	E512106Z1	E512132Z1		
E528101Z	Improved grazing management for water erosion through monitoring activities							Not compatible with any other 528 associated enhancements									
E528102Z	Improved grazing management for wind erosion through monitoring activities							Not compatible with any other 528 associated enhancements									
E528104Z	Grazing management that protects sensitive areas from gully erosion			X				Not compatible with any other 528 associated enhancements									
E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion			X	X			Not compatible with any other 528 associated enhancements							Not compatible with any 612 associated enhancements unless plantings are protected		
E528107Z1	Improved grazing management for soil compaction through monitoring activities			X				Not compatible with any other 528 associated enhancements									
E528107Z2	Improved grazing management for soil compaction on rangeland through monitoring activities							Not compatible with any other 528 associated enhancements									
E528118Z1	Prescribed grazing on pastureland that maintains/improves riparian and watershed function impairment from nutrients.			X				Not compatible with any other 528 associated enhancements									
E528118Z2	Grazing management that protects sensitive areas-surface water from nutrients							Not compatible with any other 528 associated enhancements									
E528119Z	Grazing management that protects sensitive areas-ground water from nutrients			X				Not compatible with any other 528 associated enhancements									
E528122Z	Prescribed grazing on pastureland that maintains/improves riparian and watershed function impairment from pathogens/chemicals.			X				Not compatible with any other 528 associated enhancements									
E528126Z	Prescribed grazing on pastureland that maintains/improves riparian and watershed function through minimizing sediment in surface water.			X				Not compatible with any other 528 associated enhancements									
E528127Z	Prescribed grazing that improves or maintains riparian and watershed function-elevated water temperature							Not compatible with any other 528 associated enhancements									
E528132Z1	Improved grazing management for plant productivity and health through monitoring activities			X				Not compatible with any other 528 associated enhancements									
E528132Z2	Stockpiling cool season forage to improve plant productivity and health			X		X		Not compatible with any other 528 associated enhancements									

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Code	Enhancement Name	Annual/Mixed	Crop Perennial	Pasture	Forest Associated Ag Land	Farmstead	Not Compatible										
E528132Z3	Improved grazing management for plant productivity and health through monitoring activities						Not compatible with any other 528 associated enhancements										
E528133Z1	Stockpiling cool season forage to improve structure and composition.			X		X	Not compatible with any other 528 associated enhancements										
E528133Z2	Grazing management for improving quantity and quality of plant structure and composition for wildlife			X		X	Not compatible with any other 528 associated enhancements										
E528133Z3	Improved grazing management for plant structure and composition through monitoring activities						Not compatible with any other 528 associated enhancements										
E528134Z	Improved grazing management that reduces undesirable plant pest pressure through monitoring activities						Not compatible with any other 528 associated enhancements										
E528136Z1	Grazing management for improving quantity and quality of food for wildlife			X	X		Not compatible with any other 528 associated enhancements							Not compatible with any 612 associated enhancements unless plantings are protected			
E528136Z2	Incorporating wildlife refuge areas in contingency plans for wildlife food			X			Not compatible with any other 528 associated enhancements										
E528136Z3	Grazing management that improves Monarch butterfly habitat.			X			Not compatible with any other 528 associated enhancements										
E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife			X	X		Not compatible with any other 528 associated enhancements							Not compatible with any 612 associated enhancements unless plantings are protected			
E528137Z2	Incorporating wildlife refuge areas in contingency plans for prescribed grazing where pastureland is the predominant land use, for wildlife cover and shelter.			X			Not compatible with any other 528 associated enhancements										
E528138Z	Incorporating wildlife refuge areas in contingency plans for prescribed grazing where pastureland is the predominant land use, for wildlife access to water.			X			Not compatible with any other 528 associated enhancements										
E528140Z1	Maintaining quantity and quality of forage for animal health and productivity			X		X	Not compatible with any other 528 associated enhancements										
E528140Z2	Incorporating wildlife refuge areas in contingency plans for livestock feed and forage			X			Not compatible with any other 528 associated enhancements										
E550106Z	Range planting for increasing/maintaining organic matter	X	X				E550136Z										
E550136Z	Range planting for improving forage, browse, or cover for wildlife	X	X				E550106Z										
E578139X	Stream crossing elimination	X	X	X	X	X	X										
E580105Z	Stream corridor bank stability improvement	X	X	X	X	X	X	E580137Z									
E580137Z	Stream corridor bank vegetation improvement	X	X	X	X	X	X	E580105Z									
E590118X	Reduce risks of nutrient losses to surface water by utilizing precision agriculture technologies to plan and apply nutrients	X	X				Not compatible with any other 590 associated enhancement										
E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	X	X				Not compatible with any other 590 associated enhancement										
E590119X	Reduce risk of nutrient losses in ground water by utilizing precision agriculture technologies to plan and apply nutrients	X	X				Not compatible with any other 590 associated enhancement										
E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	X	X				Not compatible with any other 590 associated enhancement										
E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality – emissions of greenhouse gases (GHGs)	X	X				Not compatible with any other 590 associated enhancement										

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E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	X	X															
E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	X	X	X				E595129Z										
E595116Z2	Reducing routine neonicotinoid seed treatments on corn and soybean crops	X																
E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	X	X	X	X			E595116Z										
E595136X	Increase the size requirement of refuges planted to slow pest resistance to Bt corn	X																
E595137Z	Eliminiate use of chemical treatments to control pests and increase dung bettle populations			X														
E612126Z	Cropland conversion to trees for long term improvement of water quality	X	X					E528105Z unless plantings are protected		E528136Z1 unless plantings are protected		E528137Z1 unless plantings are protected						
E612130Z	Planting for high carbon sequestration rate	X	X	X	X	X	X	Not compatible with 338-associated			E528105Z unless plantings are		E528136Z1 unless plantings		E528137Z1 unless plantings			
E612132Z	Establishing tree/shrub species to restore native plant communities				X	X		Not compatible with 338-associated enhancements during the contract period.					E528105Z unless plantings are protected		E528136Z1 unless plantings are protected		E528137Z1 unless plantings are protected	
E612133X1	Adding food-producing trees and shrubs to existing plantings	X	X	X	X	X	X	Not compatible with 338-associated enhancements during the contract period.					E528105Z unless plantings are protected		E528136Z1 unless plantings are protected		E528137Z1 unless plantings are protected	
E612133X2	Cultural plantings			X	X	X	X	Not compatible with 338-associated enhancements during the contract					E528105Z unless plantings are		E528136Z1 unless plantings		E528137Z1 unless plantings	
E612133X3	Sugarbush management				X	X	X	Not compatible with 338-associated enhancements during the contract					E528105Z unless plantings are		E528136Z1 unless plantings		E528137Z1 unless plantings	
E612136Z	Tree/shrub planting for wildlife food	X	X	X	X	X	X	E612137Z	Not compatible with 338-associated			E528105Z unless plantings are		E528136Z1 unless plantings		E528137Z1 unless plantings		
E612137Z	Tree/shrub planting for wildlife cover	X	X	X	X	X	X	E612136Z	Not compatible with 338-associated			E528105Z unless plantings are		E528136Z1 unless plantings		E528137Z1 unless plantings		
E643132X	Restoration of sensitive coastal vegetative communities				X													
E643139X	Creating native plant refugia				X													
E644136Z	Manage flood-irrigated landscapes for wildlife	X	X	X				Not compatible with any 646 enhancements										
E645137Z	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	X	X	X	X	X	X											
E646136Z1	Close structures to capture and retain rainfall to improve food sources for waterfowl and other wading birds during winter.	X						E646137Z1	E646138Z1	E646139Z1	E646136Z2	E646137Z2	E646138Z2	E646139Z2	E644136Z			
E646136Z2	Extend retention of captured rainfall to provide enhanced food sources for late winter habitat for migratory waterfowl and shorebirds.	X						E646137Z2	E646138Z2	E646139Z2	E646136Z1	E646137Z1	E646138Z1	E646139Z1	E644136Z			
E646136Z3	Shorebird habitat, late season shallow water with manipulation to improve food sources.	X						E646137Z3	E646138Z3	E646139Z3	E646136Z4	E646137Z4	E646138Z4	E646139Z4	E644136Z			
E646136Z4	Shorebird habitat, extended late season shallow water with manipulation to improve food sources.	X						E646137Z4	E646138Z4	E646139Z4	E646136Z3	E646137Z3	E646138Z3	E646139Z3	E644136Z			
E646137X	Renovate small, shallow pothole and playa sites which may seasonally hold water	X	X			X												
E646137Z1	Close structures to capture and retain rainfall to improve cover and shelter for waterfowl and other wading birds during winter.	X						E646136Z1	E646138Z1	E646139Z1	E646136Z2	E646137Z2	E646138Z2	E646139Z2	E644136Z			
E646137Z2	Extend retention of captured rainfall to provide enhanced cover and shelter for late winter habitat for migratory waterfowl and shorebirds.	X						E646136Z2	E646138Z2	E646139Z2	E646136Z1	E646137Z1	E646138Z1	E646139Z1	E644136Z			
E646137Z3	Shorebird habitat, late season shallow water with manipulation to improve cover and shelter.	X						E646136Z3	E646138Z3	E646139Z3	E646136Z4	E646137Z4	E646138Z4	E646139Z4	E644136Z			
E646137Z4	Shorebird habitat, extended late season shallow water with manipulation to improve cover and shelter.	X						E646136Z4	E646138Z4	E646139Z4	E646136Z3	E646137Z3	E646138Z3	E646139Z3	E644136Z			

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Code	Enhancement Name	Annual/Mixed	Crop Perennial	Pasture	Forest Associated Ag Land	Farmstead	Not Compatible										
E646138Z1	Close structures to capture and retain rainfall to provide water for waterfowl and other wading birds during winter.	X					E646136Z1	E646137Z1	E646139Z1	E646136Z2	E646137Z2	E646138Z2	E646139Z2	E644136Z			
E646138Z2	Extend retention of captured rainfall to provide late winter water habitat for migratory waterfowl and shorebirds.	X					E646136Z2	E646137Z2	E646139Z2	E646136Z1	E646137Z1	E646138Z1	E646139Z1	E644136Z			
E646138Z3	Shorebird habitat, late season shallow water with manipulation.	X					E646136Z3	E646137Z3	E646139Z3	E646136Z4	E646137Z4	E646138Z4	E646139Z4	E644136Z			
E646138Z4	Shorebird habitat, extended late season shallow water with manipulation.	X					E646136Z4	E646137Z4	E646139Z4	E646136Z3	E646137Z3	E646138Z3	E646139Z3	E644136Z			
E646139Z1	Close structures to capture and retain rainfall for waterfowl and wading birds to improve habitat continuity.	X					E646136Z1	E646137Z1	E646138Z1	E646136Z2	E646137Z2	E646138Z2	E646139Z2	E644136Z			
E646139Z2	Extend retention of captured rainfall to provide habitat continuity during late winter for migratory waterfowl and shorebirds.	X					E646136Z2	E646137Z2	E646138Z2	E646136Z1	E646137Z1	E646138Z1	E646139Z1	E644136Z			
E646139Z3	Shorebird habitat, late season shallow water with manipulation to enhance habitat continuity and space.	X					E646136Z3	E646137Z3	E646138Z3	E646136Z4	E646137Z4	E646138Z4	E646139Z4	E644136Z			
E646139Z4	Shorebird habitat, extended late season shallow water with manipulation to enhance habitat continuity and space.	X					E646136Z4	E646137Z4	E646138Z4	E646136Z3	E646137Z3	E646138Z3	E646139Z3	E644136Z			
E647136Z1	Manipulate vegetation on fields where rainfall is to be captured and retained to provide enhanced food sources for wildlife.	X					E647137Z1										
E647136Z2	Provide early successional habitat between first rice crop and ratoon crop to support important wildlife food sources	X					E647139Z2										
E647136Z3	Establish and maintenance of moist soil vegetation on cropland edges to increase wildlife food sources and habitat diversity	X					E647137Z2										
E647137Z1	Manipulate vegetation on fields where rainfall is to be captured and retained to provide enhanced cover and shelter for wildlife.	X					E647136Z1										
E647137Z2	Establish and maintenance of moist soil vegetation on cropland edges to increase wildlife cover, shelter and habitat diversity	X					E647136Z3										
E647139Z1	Establish and maintain wildlife habitat continuity by providing early successional, naturally occurring vegetation in ditches and ditch bank borders	X															
E647139Z2	Provide early successional habitat between first rice crop and ratoon crop to support space and continuity for wildlife	X					E647136Z2										
E666106Z1	Implementing sustainable practices for pine straw raking				X	X	E666137Z5	E338136Z	E338137Z2	E338140Z	E666132Z3	E666135Z3	E666136Z4	E666137Z8			
E666106Z2	Maintaining and improving forest soil quality				X		E666107Z	E338136Z	E338137Z2	E338140Z	E666132Z3	E666135Z3	E666136Z4	E666137Z8			
E666107Z	Maintaining and improving forest soil quality by limiting compaction				X		E666106Z2	E338136Z	E338137Z2	E338140Z	E666132Z3	E666135Z3	E666136Z4	E666137Z8			
E666115Z1	Converting loblolly and slash pine plantations to longleaf pine to retain soil moisture				X		E666133Z2	E666137Z4	E666137Z3	E666132Z3	E666135Z3	E666136Z4	E666137Z8				
E666115Z2	Enhance development of the forest understory to improve site moisture				X		E666118Z E666135Z3	E666119Z E666136Z4	E666134Z	E666137Z7	E666135Z1	E666133X	E666132Z2	E666136Z2	E314133Z	E314134Z	E666132Z3
E666118Z	Enhance development of the forest understory to capture nutrients in surface water				X		E666115Z2 E666135Z3	E666119Z E666136Z4	E666134Z	E666137Z7	E666135Z1	E666133X	E666132Z2	E666136Z2	E314133Z	E314134Z	E666132Z3

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Code	Enhancement Name	Annual/Mixed	Crop Perennial	Pasture	Forest Associated Ag Land	Farmstead	Not Compatible										
E666119Z	Enhance development of the forest understory to capture nutrients and limit their movement into				X		E666118Z	E666115Z2	E666134Z	E666137Z7	E666135Z1	E666133X	E666132Z2	E666136Z2	E314133Z	E314134Z	E666132Z3
							E666135Z3	E666136Z4									
E666130Z	Increase on-site carbon storage				X	X	X	E338136Z	E338137Z2	E338140Z	E666132Z3	E666135Z3	E666136Z4					
E666132Z1	Crop tree management for mast production				X	X	X	E338136Z	E338137Z2	E338140Z	E666132Z3	E666135Z3	E666136Z4					
E666132Z2	Reduce forest stand density to improve a degraded plant community				X			E666136Z2	E666115Z2	E666133X	E666137Z2	E666118Z	E666119Z	E666134Z	E666135Z1	E314133Z	E314134Z	E666132Z3
								E666135Z3	E666136Z4									
E666132Z3	Facilitating oak forest regeneration				X	X		E314133Z	E314134Z	Not compatible with any other 666 associated enhancements								
E666133Z1	Creating structural diversity with patch openings				X	X	X	E666137Z2	E666137Z6	E666136Z3	E666133X	E666137Z3	E666132Z3	E666135Z3	E666136Z4			
E666133Z2	Converting loblolly and slash pine plantations to longleaf pine with forest stand improvement and prescribed burning				X			E666115Z1	E666137Z4	E666137Z3	E666132Z3	E666135Z3	E666136Z4	E666137Z8				
E666133X	Forest Stand Improvement to restore structure and composition in degraded hardwood stands				X			E666115Z2	E666118Z	E666119Z	E666134Z	E666132Z2	E666133Z1	E666135Z1	E666136Z3	E666137Z6	E666137Z7	E666134Z
								E666136Z1	E666135Z2	E338136Z except in oak/hickory	E338137Z2 except in oak/hickory	E338140Z except in oak/hickory	E666132Z3	E666135Z3	E666136Z4			
E666134Z	Enhance development of the forest understory to create conditions resistant to pests				X			E666118Z	E666115Z2	E666135Z1	E666137Z7	E666119Z	E666133X	E666132Z2	E666136Z2	E314133Z	E314134Z	E666132Z3
								E666135Z3	E666136Z4									
E666135Z1	Reduce height of the forest understory to limit wildfire risk				X			E666118Z	E666115Z2	E666134Z	E666137Z7	E666119Z	E666133X	E666132Z2	E666136Z2	E314133Z	E314134Z	E666132Z3
								E666135Z3	E666136Z4									
E666135Z2	Reduce forest density and manage understory along roads to limit wildfire risk				X			E666136Z1	E666132Z3	E666135Z3	E666136Z4							
E666135Z3	Maintain structural diversity in dry Western forests				X	X		Not compatible with any other 666 associated enhancements					E314133Z	E314134Z				
E666136Z1	Reduce forest density and manage understory along roads to improve wildlife food sources				X			E666135Z2	E666132Z3	E666135Z3	E666136Z4							
E666136Z2	Reduce forest stand density to improve wildlife food sources				X			E666115Z2	E666118Z	E666134Z	E666135Z1	E666137Z7	E666132Z2	E666130Z	E314133Z	E314134Z	E666137Z2	E666119Z
								E314133Z	E314134Z	E666132Z3	E666135Z3	E666136Z4						
E666136Z3	Create patch openings to enhance wildlife food sources and availability				X			E666133Z1	E666137Z6	E666137Z2	E666133X	E666137Z3	E666132Z3	E666135Z3	E666136Z4			
E666136Z4	Create structural diversity in dry Western forests				X	X		Not compatible with any other 666 associated enhancements					E314133Z	E314134Z				
E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat				X	X	X	E338136Z	E338137Z2	E338140Z	E666132Z3	E666135Z3	E666136Z4					
E666137Z2	Summer roosting habitat for native forest-dwelling bat species				X	X	X	E338136Z	E338137Z2	E338140Z	E399137X	E666133Z1	E666136Z3	E666137Z6	E666136Z2	E666132Z2	E666132Z3	E666135Z3
								E666136Z4										
E666137Z3	Increase diversity in pine plantation monocultures				X	X	X	E666133Z2	E666137Z4	E666137Z6	E666136Z3	E666133Z1	E666115Z1	E666132Z3	E666135Z3	E666136Z4	E666137Z8	
E666137Z4	Converting loblolly and slash pine plantations to longleaf pine to enhance wildlife habitat				X			E666115Z1	E666133Z2	E666137Z3	E666132Z3	E666135Z3	E666136Z4	E666137Z8				
E666137Z5	Implementing sustainable practices for pine straw raking to enhance wildlife habitat				X	X		E666106Z1	E338136Z	E338137Z2	E338140Z	E666132Z3	E666135Z3	E666136Z4	E666137Z8			
E666137Z6	Create patch openings to enhance wildlife cover and shelter				X	X		E666136Z3	E666133Z1	E666137Z2	E666133X	E666137Z3	E666132Z3	E666135Z3	E666136Z4			
E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter				X	X	X	E666118Z	E666119Z	E666134Z	E666115Z2	E666135Z1	E666133X	E666132Z2	E666136Z2	E314133Z	E314134Z	E666132Z3
								E666135Z3	E666136Z4									
E666137Z8	Forest songbird habitat maintenance				X	X	X	E666106Z1	E666106Z2	E666107Z	E666115Z1	E666132Z3	E666133Z2	E666135Z3	E666136Z4	E666137Z3	E666137Z4	E666137Z5