

## FY21 Environmental Quality Incentives Program (EQIP) CART Narrative Practice Points

Practice Code	Practice Name	Narrative #/Code	Discipline Spec	Practice/Variation Narrative	RCC ID	Resource Concern Component	Assoc Ag Land	Crop	Developed Land	Farmstd	Forest	Other Rural Land	Pasture	Range	Water
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	148	Aggregate instability	10		20	20	20	20	20	20	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	145	Bank erosion from streams, shorelines or water conveyance channels	5	5	5	5	5	5	5	5	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	149	Compaction	10		20	20	20	20	20	20	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	174	Concentrated nutrient and pathogen surface loss from domestic animals standing in surface water	25	25		25	25	25	25	10	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	150	Concentration of salts or other chemicals	10				20				
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	224	Inadequate livestock water quantity, quality and distribution								10	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	156	Nonpoint nitrogen leaching loss	25	25			25	25	25		
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	157	Nonpoint phosphorus leaching loss	25	25			25	25	25		
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	151	Organic matter depletion	10				20	20	20	20	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	214	Plant productivity and health	15	5	5	5	10	15	5	5	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	204	PM - confined animal activities				25					
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	206	PM - dust from unpaved roads	25	25		25	25	25	25	25	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	163	Sediment from erosion	10				10	10	5	5	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	186	Seeps	15	15	15	15	15	15	15	15	15
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	154	Sheet and rill erosion	5				5	5	5	5	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	152	Soil organism habitat loss or degradation	10				20	20	20	20	
472	Access Control	00N	For	Temporary Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	216	Wildfire hazard from biomass accumulation	5	5		5					
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	148	Aggregate instability	10		25	25	30	25	25	25	
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	145	Bank erosion from streams, shorelines or water conveyance channels	50	50	50	50	50	50	50	50	
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	146	Classic gully erosion	10	10	10	10	40	10	10	10	
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	149	Compaction	10		25	25	30	25	25	25	
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	174	Concentrated nutrient and pathogen surface loss from domestic animals standing in surface water	25	25		25	25	25	25	10	
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	150	Concentration of salts or other chemicals	10				20				
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	224	Inadequate livestock water quantity, quality and distribution								20	
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	156	Nonpoint nitrogen leaching loss	25	25			25	25	25		
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	157	Nonpoint phosphorus leaching loss	25	25			25	25	25		
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	151	Organic matter depletion	10				30	25	25	25	
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	214	Plant productivity and health	20	10	5	10	15	20	10	10	
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	204	PM - confined animal activities				25					
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	206	PM - dust from unpaved roads	25	25		25	25	25	25	25	
472	Access Control	01N	For	Permanent Exclusion - Exclude animals, people, vehicles, and/or equipment to achieve and maintain desired resource conditions.	163	Sediment from erosion	10				10	10	5	5	



311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	233	Nonpoint pesticide drift to surface water	30	30					30		
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	164	Nonpoint pesticide leaching loss	10	10					10		
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	165	Nonpoint pesticide surface loss	30	30					30		
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	157	Nonpoint phosphorus leaching loss	10	10	10	10	10	10	10		
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	159	Nonpoint phosphorus surface loss	10	10	10	10	10	10	10		
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	214	Plant productivity and health		10							
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	215	Plant structure and composition							5		
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	202	PM - pesticide drift	50	50		50	50		50	50	
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	185	Seasonal high water table	20	20			20	20			
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	163	Sediment from erosion		10							
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	154	Sheet and rill erosion		10							
311	Alley Cropping	00N	For	Alley Cropping - Plant trees and/or shrubs in row(s) with agronomic, horticultural crops or forages growing in the alleys.	155	Wind erosion		20							
333	Amending Soil Properties with Gypsum Products	00N	Agron	Improve Infiltration - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to increase infiltration and improve soil health (aggregate stability) and improve plant vigor.	148	Aggregate instability	10	10	10	10			10		
333	Amending Soil Properties with Gypsum Products	00N	Agron	Improve Infiltration - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to increase infiltration and improve soil health (aggregate stability) and improve plant vigor.	146	Classic gully erosion		5							
333	Amending Soil Properties with Gypsum Products	00N	Agron	Improve Infiltration - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to increase infiltration and improve soil health (aggregate stability) and improve plant vigor.	149	Compaction	5	5	5	5			5	5	
333	Amending Soil Properties with Gypsum Products	00N	Agron	Improve Infiltration - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to increase infiltration and improve soil health (aggregate stability) and improve plant vigor.	150	Concentration of salts or other chemicals	10	10	10	10			10		
333	Amending Soil Properties with Gypsum Products	00N	Agron	Improve Infiltration - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to increase infiltration and improve soil health (aggregate stability) and improve plant vigor.	147	Ephemeral gully erosion		5							
333	Amending Soil Properties with Gypsum Products	00N	Agron	Improve Infiltration - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to increase infiltration and improve soil health (aggregate stability) and improve plant vigor.	157	Nonpoint phosphorus leaching loss	10	10	10	10	10	10	10		
333	Amending Soil Properties with Gypsum Products	00N	Agron	Improve Infiltration - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to increase infiltration and improve soil health (aggregate stability) and improve plant vigor.	154	Sheet and rill erosion		5							
333	Amending Soil Properties with Gypsum Products	01N	Agron	Dissolved phosphorus - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to reduce dissolved phosphorus in surface water runoff or in subsurface tile drainage.	148	Aggregate instability		10							
333	Amending Soil Properties with Gypsum Products	01N	Agron	Dissolved phosphorus - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to reduce dissolved phosphorus in surface water runoff or in subsurface tile drainage.	146	Classic gully erosion		5							
333	Amending Soil Properties with Gypsum Products	01N	Agron	Dissolved phosphorus - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to reduce dissolved phosphorus in surface water runoff or in subsurface tile drainage.	149	Compaction	5	5	5	5			5	5	
333	Amending Soil Properties with Gypsum Products	01N	Agron	Dissolved phosphorus - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to reduce dissolved phosphorus in surface water runoff or in subsurface tile drainage.	150	Concentration of salts or other chemicals		10							
333	Amending Soil Properties with Gypsum Products	01N	Agron	Dissolved phosphorus - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to reduce dissolved phosphorus in surface water runoff or in subsurface tile drainage.	147	Ephemeral gully erosion		5							
333	Amending Soil Properties with Gypsum Products	01N	Agron	Dissolved phosphorus - Apply gypsum (calcium sulfate dihydrate) products to change the physical and/or chemical properties of soil to reduce dissolved phosphorus in surface water runoff or in subsurface tile drainage.	157	Nonpoint phosphorus leaching loss		15							





314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	218	Invasive species	30		30	30	40	30	30	30	30
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	183	Moisture Management	15	15	15	15	15	15	15	15	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	151	Organic matter depletion	10	10	10	10	10	10	10	10	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	219	Plant pest pressure	15		15	15	40	15	30	30	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	214	Plant productivity and health	15		15	5	30	15	20	30	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	215	Plant structure and composition					40		20	30	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	184	Ponding and flooding	5	5	5	5	5	5	5	5	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	163	Sediment from erosion					10		5	5	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	154	Sheet and rill erosion					5		5	5	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	152	Soil organism habitat loss or degradation	10	10	10	10	10	10	10	10	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	170	Surface water depletion	10	10	10	10	10	10	10	10	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	225	Terrestrial habitat for wildlife and invertebrates	30	5	5	5	30	5	20	30	

314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	216	Wildfire hazard from biomass accumulation	5		15	15	40		5	40	
314	Brush Management	00N	<i>Graz Land Sp</i>	Brush Management - Remove woody (nonherbaceous or succulent) vegetation including invasive and noxious species using mechanical, chemical and biological methods; either alone or in combination. Brush management will be applied in a manner to achieve the desired control of the target woody species and protection of desired species.	155	Wind erosion					5		5	5	
584	Channel Bed Stabilization	00N	<i>EG</i>	Stabilization - Use measures to stabilize the bed or bottom of a channel.	220	Aquatic habitat for fish and other organisms	5								5
584	Channel Bed Stabilization	00N	<i>EG</i>	Stabilization - Use measures to stabilize the bed or bottom of a channel.	145	Bank erosion from streams, shorelines or water conveyance channels	50	50	50	50	50	50	50	50	
584	Channel Bed Stabilization	00N	<i>EG</i>	Stabilization - Use measures to stabilize the bed or bottom of a channel.	146	Classic gully erosion	50				50	50	50	50	
584	Channel Bed Stabilization	00N	<i>EG</i>	Stabilization - Use measures to stabilize the bed or bottom of a channel.	168	Groundwater depletion	25	25	25	25	25	25	25	25	
584	Channel Bed Stabilization	00N	<i>EG</i>	Stabilization - Use measures to stabilize the bed or bottom of a channel.	183	Moisture Management	10	10	10	10	10	10	10	10	10
584	Channel Bed Stabilization	00N	<i>EG</i>	Stabilization - Use measures to stabilize the bed or bottom of a channel.	170	Surface water depletion	25	25	25	25	25	25	25	25	25
326	Clearing and Snagging	00N	<i>CE</i>	Clear and Snag - Remove vegetation along the bank (clearing) and selectively remove snags, drifts, or other obstructions (snagging) from natural or improved channels and streams.	145	Bank erosion from streams, shorelines or water conveyance channels	25	25	25	25	25	25	25	25	
326	Clearing and Snagging	00N	<i>CE</i>	Clear and Snag - Remove vegetation along the bank (clearing) and selectively remove snags, drifts, or other obstructions (snagging) from natural or improved channels and streams.	184	Ponding and flooding	30	30	30	30	30	30	30	30	30
372	Combustion System Improvement	00N	<i>AQS ARS</i>	Mobile engine replacement, repower, or retrofit - Replace, repower, or retrofit an existing mobile engine to reduce air emissions.	197	Ozone - diesel engines	50	50		50	50		50	50	
372	Combustion System Improvement	00N	<i>AQS ARS</i>	Mobile engine replacement, repower, or retrofit - Replace, repower, or retrofit an existing mobile engine to reduce air emissions.	237	PM - diesel engines	50	50		50	50		50	50	
372	Combustion System Improvement	00N	<i>AQS ARS</i>	Mobile engine replacement, repower, or retrofit - Replace, repower, or retrofit an existing mobile engine to reduce air emissions.	239	Reactive nitrogen - diesel engines	50	50		50	50		50	50	
372	Combustion System Improvement	01N	<i>AQS ARS</i>	Stationary engine to engine replacement, repower, or retrofit - Replace or repower an existing stationary engine with a lower-emitting stationary engine or retrofit an existing stationary engine to reduce air emissions.	197	Ozone - diesel engines	50	50		50	50		50	50	
372	Combustion System Improvement	01N	<i>AQS ARS</i>	Stationary engine to engine replacement, repower, or retrofit - Replace or repower an existing stationary engine with a lower-emitting stationary engine or retrofit an existing stationary engine to reduce air emissions.	237	PM - diesel engines	50	50		50	50		50	50	
372	Combustion System Improvement	01N	<i>AQS ARS</i>	Stationary engine to engine replacement, repower, or retrofit - Replace or repower an existing stationary engine with a lower-emitting stationary engine or retrofit an existing stationary engine to reduce air emissions.	239	Reactive nitrogen - diesel engines	50	50		50	50		50	50	
372	Combustion System Improvement	02N	<i>AQS ARS</i>	Stationary engine to electric motor replacement or repower - Replace or repower an existing stationary engine with an electric motor.	226	Energy efficiency of equipment and facilities	5	5	5	5	5	5	5	5	5
372	Combustion System Improvement	02N	<i>AQS ARS</i>	Stationary engine to electric motor replacement or repower - Replace or repower an existing stationary engine with an electric motor.	197	Ozone - diesel engines	70	70		70	70		70	70	
372	Combustion System Improvement	02N	<i>AQS ARS</i>	Stationary engine to electric motor replacement or repower - Replace or repower an existing stationary engine with an electric motor.	237	PM - diesel engines	70	70		70	70		70	70	
372	Combustion System Improvement	02N	<i>AQS ARS</i>	Stationary engine to electric motor replacement or repower - Replace or repower an existing stationary engine with an electric motor.	239	Reactive nitrogen - diesel engines	70	70		70	70		70	70	
372	Combustion System Improvement	03N	<i>AQS ARS</i>	Non-engine combustion source air emissions improvement - Replace, repower, or retrofit an existing non-engine combustion system with a lower-emissions alternative combustion system.	236	Ozone - non-engine combustion equipment	50	50		50	50		50	50	
372	Combustion System Improvement	03N	<i>AQS ARS</i>	Non-engine combustion source air emissions improvement - Replace, repower, or retrofit an existing non-engine combustion system with a lower-emissions alternative combustion system.	238	PM - non-engine combustion equipment	50	50		50	50		50	50	
372	Combustion System Improvement	03N	<i>AQS ARS</i>	Non-engine combustion source air emissions improvement - Replace, repower, or retrofit an existing non-engine combustion system with a lower-emissions alternative combustion system.	240	Reactive nitrogen - non-engine combustion equipment	50	50		50	50		50	50	
372	Combustion System Improvement	04N	<i>AQS ARS</i>	Non-engine combustion source energy efficiency improvement - Install a replacement non-engine combustion system on a product processing operation such as a coffee conveyance system or reverse osmosis system for tree sap processing.	226	Energy efficiency of equipment and facilities	40	40	40	40	40	40	40	40	40
317	Composting Facility	00N	<i>EE</i>	Compost Facility - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage, onfarm use, and application to land as a soil amendment.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	

317	Composting Facility	00N	EE	Compost Facility - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage, onfarm use, and application to land as a soil amendment.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	
317	Composting Facility	00N	EE	Compost Facility - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage, onfarm use, and application to land as a soil amendment.	192	GHGs - confined animal activities				15					
317	Composting Facility	00N	EE	Compost Facility - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage, onfarm use, and application to land as a soil amendment.	212	Odor - confined animal activity				20					
317	Composting Facility	00N	EE	Compost Facility - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage, onfarm use, and application to land as a soil amendment.	198	Ozone - confined animal activities				20					
317	Composting Facility	00N	EE	Compost Facility - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage, onfarm use, and application to land as a soil amendment.	204	PM - confined animal activities				25					
317	Composting Facility	00N	EE	Compost Facility - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage, onfarm use, and application to land as a soil amendment.	187	Reactive nitrogen - confined animal activities				20					
317	Composting Facility	01N	EE	Compost Facility All Exported - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage. Product will be exported from the farm.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	50	50	50	50		50	50	50	
317	Composting Facility	01N	EE	Compost Facility All Exported - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage. Product will be exported from the farm.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	50	50	50	50		50	50	50	
317	Composting Facility	01N	EE	Compost Facility All Exported - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage. Product will be exported from the farm.	192	GHGs - confined animal activities				15					
317	Composting Facility	01N	EE	Compost Facility All Exported - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage. Product will be exported from the farm.	212	Odor - confined animal activity				20					
317	Composting Facility	01N	EE	Compost Facility All Exported - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage. Product will be exported from the farm.	198	Ozone - confined animal activities				20					
317	Composting Facility	01N	EE	Compost Facility All Exported - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage. Product will be exported from the farm.	204	PM - confined animal activities				25					
317	Composting Facility	01N	EE	Compost Facility All Exported - Construct a structure or install a device to contain and facilitate an aerobic microbial ecosystem for the decomposition of manure, other organic material, or both, into a final product sufficiently stable for storage. Product will be exported from the farm.	187	Reactive nitrogen - confined animal activities				20					
327	Conservation Cover	00N	Agron	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	148	Aggregate instability	40	40	40	40		40			
327	Conservation Cover	00N	Agron	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	149	Compaction	40	40	40	40		40			
327	Conservation Cover	00N	Agron	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	150	Concentration of salts or other chemicals	50	50	50	50		50			
327	Conservation Cover	00N	Agron	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	181	Drifted snow	20	20	20	20	20	20	20	20	
327	Conservation Cover	00N	Agron	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	182	Drought susceptibility	10	10	10	10	10	10	10	10	
327	Conservation Cover	00N	Agron	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	147	Ephemeral gully erosion		50							

327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	191	GHGs - carbon stock	50	50			50		50	50	
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	194	GHGs - hydric & organic soils	50	50			50		50	50	
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	168	Groundwater depletion	15	15	15	15	15	15	15	15	
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	183	Moisture Management	10	10	10	10	10	10	10	10	
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	156	Nonpoint nitrogen leaching loss	15	15	15	15	15	15	15		
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	158	Nonpoint nitrogen surface loss	15	15	15	15	15	15	15		
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	161	Nonpoint pathogen surface loss	15	15	15	15	15	15	15	15	
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	164	Nonpoint pesticide leaching loss	30	30	30	30	30	30	30	30	
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	157	Nonpoint phosphorus leaching loss	10	10	10	10	10	10	10		
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	159	Nonpoint phosphorus surface loss	15	15	15	15	15	15	15		
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	151	Organic matter depletion	40	50	50	50		50			
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	219	Plant pest pressure	10	10	10	10	10	10			
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	210	PM - windblown dust	50	50			50	50	50	50	50
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	163	Sediment from erosion	50	80	50	50		50	50		
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	154	Sheet and rill erosion	50	80	50	50	45	50			
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	152	Soil organism habitat loss or degradation	40	40	40	40		40			
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	170	Surface water depletion	15	15	15	15	15	15	15	15	
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	225	Terrestrial habitat for wildlife and invertebrates	10	10	10	10	10	10	10	10	
327	Conservation Cover	00N	<i>Agron</i>	General Cover - Establish and/or maintain permanent vegetation to reduce wind and water erosion, delivery of sediment to surface water, to reduce particulate matter and precursors, and reduce greenhouse gases.	155	Wind erosion	50	80	50	50	45	50			
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	148	Aggregate instability	35	35	35	35		35			
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	149	Compaction	40	40	40	40		40	40		

327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	150	Concentration of salts or other chemicals	50	50	50	50		50				
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	181	Drifted snow	20	20	20	20	20	20	20	20		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	182	Drought susceptibility	10	10	10	10	10	10	10	10		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	147	Ephemeral gully erosion		50								
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	191	GHGs - carbon stock	25	25			25		25	25		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	194	GHGs - hydric & organic soils	50	50			50		50	50		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	168	Groundwater depletion	15	15	15	15	15	15	15	15		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	183	Moisture Management	10	10	10	10	10	10	10	10		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	164	Nonpoint pesticide leaching loss	30	30	30	30	30	30	30	30		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	151	Organic matter depletion	35	45	45	45		45				
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	210	PM - windblown dust	25	25		25	25	25	25	25		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	163	Sediment from erosion	50	60	50	50		50	50			
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	154	Sheet and rill erosion	30	40	30	30	30	30	15	15		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	152	Soil organism habitat loss or degradation	35	35	35	35		35				
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	170	Surface water depletion	15	15	15	15	15	15	15	15		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	225	Terrestrial habitat for wildlife and invertebrates	40	40	40	40	40	40	40	40		
327	Conservation Cover	01N	<i>Agron</i>	Wildlife Cover - Establish and/or maintain permanent vegetation to benefit wildlife species of concern.	155	Wind erosion	30	40	30	30	30	30	15	15		
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	148	Aggregate instability		10								
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	217	Chemical resistance		15								
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	149	Compaction		10								
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	150	Concentration of salts or other chemicals		10								
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	222	Feed and forage balance		10								
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	191	GHGs - carbon stock		10								
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	168	Groundwater depletion		20				10	10			
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	169	Inefficient irrigation water use		20				20	20			
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	183	Moisture Management		30				30				

328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	156	Nonpoint nitrogen leaching loss		10										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	158	Nonpoint nitrogen surface loss		10										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	164	Nonpoint pesticide leaching loss		30										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	165	Nonpoint pesticide surface loss		30										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	157	Nonpoint phosphorus leaching loss		10										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	159	Nonpoint phosphorus surface loss		15										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	151	Organic matter depletion		10										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	219	Plant pest pressure		15										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	214	Plant productivity and health		25										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	154	Sheet and rill erosion		10										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	152	Soil organism habitat loss or degradation		10										
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	170	Surface water depletion		20				10	10					
328	Conservation Crop Rotation	00N	<i>Agron</i>	Crop Rotation - Plan a sequence of crops grown on the same ground over a period of time to maintain or increase soil health, organic matter content, reduce erosion losses and reduce water quality degradation.	155	Wind erosion		10										
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25				
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25				
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	156	Nonpoint nitrogen leaching loss	10		10	10	10	10	10	10				
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	158	Nonpoint nitrogen surface loss	5	30	5	5	5	5	5	5			30	
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	164	Nonpoint pesticide leaching loss	10	10	10	10	10	10	10	10	10	10	10	10
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30	30	30	30
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	157	Nonpoint phosphorus leaching loss	10	10	10	10	10	10	10	10	10			
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	159	Nonpoint phosphorus surface loss	5	10	5	5	5	5	5	5	5			30
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	184	Ponding and flooding	5	5	5	5	5	5	5	5	5	5		
656	Constructed Wetland	00N	<i>EE</i>	Constructed Wetland - Install an artificial wetland ecosystem with hydrophytic vegetation for biological treatment of water.	163	Sediment from erosion	20	20	20	20	20	20	20	20				
332	Contour Buffer Strips	00N	<i>Agron</i>	Buffer Strips - Establish narrow strips of permanent, herbaceous vegetative cover around the hill slope, and alternated down the slope with wider cropped strips that are farmed on the contour.	181	Drifted snow	5	5					5		5			



331	Contour Orchard and Other Perennial Crops	00N	Agron	Perennial - Plant orchards, vineyards, or other perennial crops so that all cultural operations are done on or near the contour.	154	Sheet and rill erosion		5									
331	Contour Orchard and Other Perennial Crops	00N	Agron	Perennial - Plant orchards, vineyards, or other perennial crops so that all cultural operations are done on or near the contour.	170	Surface water depletion	10	10			10	10	10	10			
334	Controlled Traffic Farming	00N	Agron	Controlled traffic - Confine all high load wheel/track traffic from farm equipment to specific lanes or tramlines (traffic pattern) in crop fields year after year.	148	Aggregate instability		5									
334	Controlled Traffic Farming	00N	Agron	Controlled traffic - Confine all high load wheel/track traffic from farm equipment to specific lanes or tramlines (traffic pattern) in crop fields year after year.	149	Compaction		10									
334	Controlled Traffic Farming	00N	Agron	Controlled traffic - Confine all high load wheel/track traffic from farm equipment to specific lanes or tramlines (traffic pattern) in crop fields year after year.	184	Ponding and flooding	5	5	5	5			5	5			
334	Controlled Traffic Farming	00N	Agron	Controlled traffic - Confine all high load wheel/track traffic from farm equipment to specific lanes or tramlines (traffic pattern) in crop fields year after year.	152	Soil organism habitat loss or degradation		5									
800	Controlling Existing Flowing Wells	00N	Interim	Well Cap - Cap and control existing flowing wells at the wellhead.	168	Groundwater depletion		50	50	50	50	50	50	50	50		
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	148	Aggregate instability	10	20	5	5	5	5	15				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	217	Chemical resistance		15									
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	149	Compaction	10	25	15	15	15	15	15				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	150	Concentration of salts or other chemicals	15	20									
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	181	Drifted snow	10	10	10	10			10	10	10		
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	182	Drought susceptibility	30	30	30	30			30	30	30		
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	147	Ephemeral gully erosion		15									
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	222	Feed and forage balance		15									
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	191	GHGs - carbon stock		70					70				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	168	Groundwater depletion	5	5	5	5			5	5	5		
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	169	Inefficient irrigation water use	10	10	10	10			10	10	10		
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	183	Moisture Management	30	30	30	30			30	30	30		
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	156	Nonpoint nitrogen leaching loss	10	20	10	10	10	10	20				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	158	Nonpoint nitrogen surface loss	7	20	7	7	7	7	15				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	164	Nonpoint pesticide leaching loss	30	30	30	30	30	30	30				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	157	Nonpoint phosphorus leaching loss	8	10	8	8	8	8	10				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	159	Nonpoint phosphorus surface loss	7	15	7	7	7	7	20				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	151	Organic matter depletion	15	15	15	15	15	15	15				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	219	Plant pest pressure	5	15			5		5	5			
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	214	Plant productivity and health		15									
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	210	PM - windblown dust		25					25				
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	163	Sediment from erosion		20									
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	154	Sheet and rill erosion		20									
340	Cover Crop	00N	Agron	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	152	Soil organism habitat loss or degradation	10	20	5	5	5	5	15				

340	Cover Crop	00N	<i>Agron</i>	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	170	Surface water depletion	5	5	5	5		5	5	5	
340	Cover Crop	00N	<i>Agron</i>	Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.	155	Wind erosion		20							
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	220	Aquatic habitat for fish and other organisms	5	5	5	5	5	5	5	5	
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	145	Bank erosion from streams, shorelines or water conveyance channels	50	25	50	50	25	25	25	25	
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	146	Classic gully erosion	30	30	30	30	30	30	30	30	
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	147	Ephemeral gully erosion		20							
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	191	GHGs - carbon stock	10	10			10		10	10	
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	214	Plant productivity and health	15	40	20	20	10	15	5	30	
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	210	PM - windblown dust	25	25		25	25	25	25	25	
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	163	Sediment from erosion	30	30	30	30	30	30	30	30	
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	154	Sheet and rill erosion	40	10	50	50	30	40	10	10	
342	Critical Area Planting	00N	<i>Agron</i>	Stabilize sites - Establish permanent vegetation on sites known to have high erosion rates or conditions that prevent the establishment of vegetation with normal seed/planting methods.	155	Wind erosion	50	5	50	50	30	50	10	10	
736	Crop By-Product Transfer	00N	<i>EE</i>	By-Product Transfer - Install a crop by-product conveyance system using structures, conduits, or equipment.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	15	15	15	15		15	15	15	
736	Crop By-Product Transfer	00N	<i>EE</i>	By-Product Transfer - Install a crop by-product conveyance system using structures, conduits, or equipment.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	15	15	15	15		15	15	15	
736	Crop By-Product Transfer	00N	<i>EE</i>	By-Product Transfer - Install a crop by-product conveyance system using structures, conduits, or equipment.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15	15	
736	Crop By-Product Transfer	00N	<i>EE</i>	By-Product Transfer - Install a crop by-product conveyance system using structures, conduits, or equipment.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15	15	
589	Cross Wind Trap Strips	00N	<i>Agron</i>	General - Establish herbaceous vegetation in one or more strips typically perpendicular to the most erosive wind direction.	181	Drifted snow	10	10	10	10	10	10		10	
589	Cross Wind Trap Strips	00N	<i>Agron</i>	General - Establish herbaceous vegetation in one or more strips typically perpendicular to the most erosive wind direction.	182	Drought susceptibility	20	20							
589	Cross Wind Trap Strips	00N	<i>Agron</i>	General - Establish herbaceous vegetation in one or more strips typically perpendicular to the most erosive wind direction.	183	Moisture Management	20	20							
589	Cross Wind Trap Strips	00N	<i>Agron</i>	General - Establish herbaceous vegetation in one or more strips typically perpendicular to the most erosive wind direction.	233	Nonpoint pesticide drift to surface water	15	15	15	15	15	15	15		
589	Cross Wind Trap Strips	00N	<i>Agron</i>	General - Establish herbaceous vegetation in one or more strips typically perpendicular to the most erosive wind direction.	214	Plant productivity and health		10							
589	Cross Wind Trap Strips	00N	<i>Agron</i>	General - Establish herbaceous vegetation in one or more strips typically perpendicular to the most erosive wind direction.	210	PM - windblown dust	25	25		25		25	25	25	
589	Cross Wind Trap Strips	00N	<i>Agron</i>	General - Establish herbaceous vegetation in one or more strips typically perpendicular to the most erosive wind direction.	155	Wind erosion	20	15		50		50			
588	Crosswind Ridges	00N	<i>Agron</i>	Field Operations - Form ridges by tillage, planting, or other operations aligned perpendicular to prevailing wind direction during critical wind erosion periods to reduce wind erosion, improve plant productivity and health, and reduce emission of particulate matter from windblown dust.	181	Drifted snow	5	5	5	5	5	5		5	
588	Crosswind Ridges	00N	<i>Agron</i>	Field Operations - Form ridges by tillage, planting, or other operations aligned perpendicular to prevailing wind direction during critical wind erosion periods to reduce wind erosion, improve plant productivity and health, and reduce emission of particulate matter from windblown dust.	183	Moisture Management	10	10	10	10	10	10		10	
588	Crosswind Ridges	00N	<i>Agron</i>	Field Operations - Form ridges by tillage, planting, or other operations aligned perpendicular to prevailing wind direction during critical wind erosion periods to reduce wind erosion, improve plant productivity and health, and reduce emission of particulate matter from windblown dust.	214	Plant productivity and health		5							
588	Crosswind Ridges	00N	<i>Agron</i>	Field Operations - Form ridges by tillage, planting, or other operations aligned perpendicular to prevailing wind direction during critical wind erosion periods to reduce wind erosion, improve plant productivity and health, and reduce emission of particulate matter from windblown dust.	210	PM - windblown dust		25							
588	Crosswind Ridges	00N	<i>Agron</i>	Field Operations - Form ridges by tillage, planting, or other operations aligned perpendicular to prevailing wind direction during critical wind erosion periods to reduce wind erosion, improve plant productivity and health, and reduce emission of particulate matter from windblown dust.	155	Wind erosion		10							

402	Dam	00N	DE	Dam - Install a dam to impound water for one or more beneficial purposes.	145	Bank erosion from streams, shorelines or water conveyance channels	50	50	50	50	50	50	50	50	
402	Dam	00N	DE	Dam - Install a dam to impound water for one or more beneficial purposes.	146	Classic gully erosion	50	50	50	50	50	50	50	50	
402	Dam	00N	DE	Dam - Install a dam to impound water for one or more beneficial purposes.	168	Groundwater depletion	15	15	15	15	15	15	15	15	
402	Dam	00N	DE	Dam - Install a dam to impound water for one or more beneficial purposes.	224	Inadequate livestock water quantity, quality and distribution		5		5	5		15	15	
402	Dam	00N	DE	Dam - Install a dam to impound water for one or more beneficial purposes.	183	Moisture Management	10	10	10	10	10	10	10	10	10
402	Dam	00N	DE	Dam - Install a dam to impound water for one or more beneficial purposes.	184	Ponding and flooding	20	20	20	20	20	20	20	20	20
402	Dam	00N	DE	Dam - Install a dam to impound water for one or more beneficial purposes.	170	Surface water depletion	15	15	15	15	15	15	15	15	15
348	Dam, Diversion	00N	DE	Diversion Dam - Build a structure to divert all or part of the water from a waterway or a stream.	168	Groundwater depletion	5	5	5	5	5	5	5	5	
348	Dam, Diversion	00N	DE	Diversion Dam - Build a structure to divert all or part of the water from a waterway or a stream.	224	Inadequate livestock water quantity, quality and distribution		5		5	5		10	10	
348	Dam, Diversion	00N	DE	Diversion Dam - Build a structure to divert all or part of the water from a waterway or a stream.	184	Ponding and flooding	20	20	20	20	20	20	20	20	20
348	Dam, Diversion	00N	DE	Diversion Dam - Build a structure to divert all or part of the water from a waterway or a stream.	170	Surface water depletion	5	5	5	5	5	5	5	5	5
324	Deep Tillage	00N	Agron	Deep Till - Perform tillage operations below the normal tillage depth to modify adverse physical or chemical properties of the soil which inhibit plant growth.	149	Compaction	5	5			5				
324	Deep Tillage	00N	Agron	Deep Till - Perform tillage operations below the normal tillage depth to modify adverse physical or chemical properties of the soil which inhibit plant growth.	168	Groundwater depletion	5	5	5	5		5	5		
324	Deep Tillage	00N	Agron	Deep Till - Perform tillage operations below the normal tillage depth to modify adverse physical or chemical properties of the soil which inhibit plant growth.	183	Moisture Management	20	20	20	20		20	20		
324	Deep Tillage	00N	Agron	Deep Till - Perform tillage operations below the normal tillage depth to modify adverse physical or chemical properties of the soil which inhibit plant growth.	214	Plant productivity and health	5	5			5		5	5	
324	Deep Tillage	00N	Agron	Deep Till - Perform tillage operations below the normal tillage depth to modify adverse physical or chemical properties of the soil which inhibit plant growth.	170	Surface water depletion	5	5	5	5		5	5		
605	Denitrifying Bioreactor	00N	WME	Denitrifying Bioreactor - Install a structure that uses a carbon source to reduce the concentration of nitrate nitrogen in subsurface agriculture drainage flow via enhanced denitrification.	156	Nonpoint nitrogen leaching loss	5	5	5	5	5	5	5		
605	Denitrifying Bioreactor	00N	WME	Denitrifying Bioreactor - Install a structure that uses a carbon source to reduce the concentration of nitrate nitrogen in subsurface agriculture drainage flow via enhanced denitrification.	158	Nonpoint nitrogen surface loss	10	10	10	10	10	10	10		
356	Dike	00N	HE	Dike - Construct an earthen embankment to either keep water off the landscape and protect land and infrastructure from flooding, or to retain water on the landscape for wetlands, fish and wildlife, or irrigation and drainage water management.	146	Classic gully erosion	50			50	50	50	50	50	
356	Dike	00N	HE	Dike - Construct an earthen embankment to either keep water off the landscape and protect land and infrastructure from flooding, or to retain water on the landscape for wetlands, fish and wildlife, or irrigation and drainage water management.	183	Moisture Management	15	15	15	15	15	15	15	15	
356	Dike	00N	HE	Dike - Construct an earthen embankment to either keep water off the landscape and protect land and infrastructure from flooding, or to retain water on the landscape for wetlands, fish and wildlife, or irrigation and drainage water management.	158	Nonpoint nitrogen surface loss	2	5	2	2	2	2	5		2
356	Dike	00N	HE	Dike - Construct an earthen embankment to either keep water off the landscape and protect land and infrastructure from flooding, or to retain water on the landscape for wetlands, fish and wildlife, or irrigation and drainage water management.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	10
356	Dike	00N	HE	Dike - Construct an earthen embankment to either keep water off the landscape and protect land and infrastructure from flooding, or to retain water on the landscape for wetlands, fish and wildlife, or irrigation and drainage water management.	159	Nonpoint phosphorus surface loss	2	5	2	2	2	2	5		2
356	Dike	00N	HE	Dike - Construct an earthen embankment to either keep water off the landscape and protect land and infrastructure from flooding, or to retain water on the landscape for wetlands, fish and wildlife, or irrigation and drainage water management.	184	Ponding and flooding	20	20	20	20	20	20	20	20	
356	Dike	00N	HE	Dike - Construct an earthen embankment to either keep water off the landscape and protect land and infrastructure from flooding, or to retain water on the landscape for wetlands, fish and wildlife, or irrigation and drainage water management.	185	Seasonal high water table	5	5	5	5	5	5	5	5	
356	Dike	00N	HE	Dike - Construct an earthen embankment to either keep water off the landscape and protect land and infrastructure from flooding, or to retain water on the landscape for wetlands, fish and wildlife, or irrigation and drainage water management.	163	Sediment from erosion		10							
356	Dike	00N	HE	Dike - Construct an earthen embankment to either keep water off the landscape and protect land and infrastructure from flooding, or to retain water on the landscape for wetlands, fish and wildlife, or irrigation and drainage water management.	186	Seeps	5	5	5	5	5	5	5	5	
362	Diversion	00N	AE	Reduce Erosion - Construct a channel generally across the slope with a supporting ridge on the lower side to reduce erosion and runoff on crop, urban or developing areas and at construction or mining sites.	146	Classic gully erosion	50	50	50	50	50	50	50	50	
362	Diversion	00N	AE	Reduce Erosion - Construct a channel generally across the slope with a supporting ridge on the lower side to reduce erosion and runoff on crop, urban or developing areas and at construction or mining sites.	147	Ephemeral gully erosion		50							



554	Drainage Water Management	00N	WME	Drainage Water Management - Manage the drainage volume and water table elevation by regulating the flow from a surface or subsurface agricultural drainage system.	151	Organic matter depletion	5	5	5	5	5	5				
554	Drainage Water Management	00N	WME	Drainage Water Management - Manage the drainage volume and water table elevation by regulating the flow from a surface or subsurface agricultural drainage system.	214	Plant productivity and health	5	20		5			5			
554	Drainage Water Management	00N	WME	Drainage Water Management - Manage the drainage volume and water table elevation by regulating the flow from a surface or subsurface agricultural drainage system.	184	Ponding and flooding	20	20	20	20	20	20	20	20		
554	Drainage Water Management	00N	WME	Drainage Water Management - Manage the drainage volume and water table elevation by regulating the flow from a surface or subsurface agricultural drainage system.	185	Seasonal high water table	30	30	30	30	30	30	30	30		
554	Drainage Water Management	00N	WME	Drainage Water Management - Manage the drainage volume and water table elevation by regulating the flow from a surface or subsurface agricultural drainage system.	186	Seeps	20	20	20	20	20	20	20	20		
554	Drainage Water Management	00N	WME	Drainage Water Management - Manage the drainage volume and water table elevation by regulating the flow from a surface or subsurface agricultural drainage system.	154	Sheet and rill erosion		5								
554	Drainage Water Management	00N	WME	Drainage Water Management - Manage the drainage volume and water table elevation by regulating the flow from a surface or subsurface agricultural drainage system.	153	Subsidence		10	10	10			10			
554	Drainage Water Management	00N	WME	Drainage Water Management - Manage the drainage volume and water table elevation by regulating the flow from a surface or subsurface agricultural drainage system.	170	Surface water depletion	30	30	30	30	30	30	30	30		
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	145	Bank erosion from streams, shorelines or water conveyance channels	15	15	15	15	15	15	15	15		
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	174	Concentrated nutrient and pathogen surface loss from domestic animals standing in surface water	25	25					25	25		
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	183	Moisture Management	20	20	20	20	20	20	20	20		
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	214	Plant productivity and health	15	5		5	10	15	5	5		
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	204	PM - confined animal activities				25						
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	206	PM - dust from unpaved roads	25	25		25	25	25	25	25		
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	186	Seeps	20	20	20	20	20	20	20	20		
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	154	Sheet and rill erosion					5		5	5		
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	216	Wildfire hazard from biomass accumulation	5	5		5	5		5	5		
432	Dry Hydrant	00N	HE	Dry Hydrant - Install a nonpressurized permanent pipe assembly into a water source that permits the withdrawal of water by suction.	155	Wind erosion					5		5	5		
375	Dust Control from Animal Activity on Open Lot Surfaces	00N	AQS ARS	Manure harvesting - Remove deposited manure from a pen surface more often than once per year to reduce dust emissions from animal activity.	204	PM - confined animal activities					70					
375	Dust Control from Animal Activity on Open Lot Surfaces	00N	AQS ARS	Manure harvesting - Remove deposited manure from a pen surface more often than once per year to reduce dust emissions from animal activity.	210	PM - windblown dust	70				70		70			
375	Dust Control from Animal Activity on Open Lot Surfaces	01N	AQS ARS	Mobile water application - Apply water via a tanker truck or trailer equipped with hoses or nozzles at rates and amounts that reduce dust emissions from animal activity.	204	PM - confined animal activities					60					
375	Dust Control from Animal Activity on Open Lot Surfaces	01N	AQS ARS	Mobile water application - Apply water via a tanker truck or trailer equipped with hoses or nozzles at rates and amounts that reduce dust emissions from animal activity.	210	PM - windblown dust	60				60		60			
375	Dust Control from Animal Activity on Open Lot Surfaces	02N	AQS ARS	Increased stocking density - Increase the number of animals per pen surface area measure without reducing per-animal feed bunk space to reduce dust emissions from animal activity.	204	PM - confined animal activities					50					
375	Dust Control from Animal Activity on Open Lot Surfaces	02N	AQS ARS	Increased stocking density - Increase the number of animals per pen surface area measure without reducing per-animal feed bunk space to reduce dust emissions from animal activity.	210	PM - windblown dust	50				50		50			
373	Dust Control on Unpaved Roads and Surfaces	00N	AQS ARS	Dust suppressant application - Apply a dust suppressant on an unpaved road or other vehicle travel surface to reduce dust emissions from vehicle and machinery traffic or wind action.	204	PM - confined animal activities					70					
373	Dust Control on Unpaved Roads and Surfaces	00N	AQS ARS	Dust suppressant application - Apply a dust suppressant on an unpaved road or other vehicle travel surface to reduce dust emissions from vehicle and machinery traffic or wind action.	206	PM - dust from unpaved roads	70	70		70	70	70	70	70		
373	Dust Control on Unpaved Roads and Surfaces	00N	AQS ARS	Dust suppressant application - Apply a dust suppressant on an unpaved road or other vehicle travel surface to reduce dust emissions from vehicle and machinery traffic or wind action.	210	PM - windblown dust	70	70		70	70	70	70	70		



672	Energy Efficient Building Envelope	01N	ECE	Greenhouse Insulation - Retrofit a greenhouse with wall insulation.	226	Energy efficiency of equipment and facilities	10	10	10	10	10	10	10	10	10	10	10
672	Energy Efficient Building Envelope	02N	ECE	Greenhouse Energy Screens - Retrofit a greenhouse with energy screens.	226	Energy efficiency of equipment and facilities	15	15	15	15	15	15	15	15	15	15	15
672	Energy Efficient Building Envelope	03N	ECE	Poultry Insulation - Retrofit poultry housing by adding wall or ceiling insulation.	226	Energy efficiency of equipment and facilities	15	15	15	15	15	15	15	15	15	15	15
672	Energy Efficient Building Envelope	04N	ECE	Poultry Air Leakage - Retrofit poultry housing by sealing air leaks.	226	Energy efficiency of equipment and facilities	20	20	20	20	20	20	20	20	20	20	20
670	Energy Efficient Lighting System	00N	ECE	General - Install an energy efficient lighting system or lighting component on an agricultural operation. Lighting system consists of one or more interior or exterior lights.	226	Energy efficiency of equipment and facilities	5	5	5	5	5	5	5	5	5	5	5
670	Energy Efficient Lighting System	01N	ECE	Poultry or Swine - Install an energy efficient lighting system on a swine, poultry, or turkey operation where animals are housed.	226	Energy efficiency of equipment and facilities	10	10	10	10	10	10	10	10	10	10	10
670	Energy Efficient Lighting System	02N	ECE	Dairy - Install an energy efficient lighting system on a dairy where animals are housed.	226	Energy efficiency of equipment and facilities	20	20	20	20	20	20	20	20	20	20	20
670	Energy Efficient Lighting System	03N	ECE	Greenhouse - Install an energy efficient lighting system in a greenhouse.	226	Energy efficiency of equipment and facilities	25	25	25	25	25	25	25	25	25	25	25
374	Farmstead Energy Improvement	00N	ECE	General - Install an energy efficient device in an agricultural operation.	226	Energy efficiency of equipment and facilities	5	5	5	5	5	5	5	5	5	5	5
374	Farmstead Energy Improvement	01N	ECE	Grain Dryer - Replace an existing grain dryer with an energy efficient grain dryer on a crop based agricultural operation.	226	Energy efficiency of equipment and facilities	10	10	10	10	10	10	10	10	10	10	10
374	Farmstead Energy Improvement	02N	ECE	Greenhouse Heating - Replace forced air with a radiant heating device in a greenhouse operation.	226	Energy efficiency of equipment and facilities	10	10	10	10	10	10	10	10	10	10	10
374	Farmstead Energy Improvement	03N	ECE	Cooler - Install a scroll compressor on a cooler.	226	Energy efficiency of equipment and facilities	10	10	10	10	10	10	10	10	10	10	10
374	Farmstead Energy Improvement	04N	ECE	Dairy Parlor - Install a vacuum pump VSD or plate cooler in a dairy operation.	226	Energy efficiency of equipment and facilities	15	15	15	15	15	15	15	15	15	15	15
374	Farmstead Energy Improvement	05N	ECE	Poultry or Swine Heating - Replace forced air with a radiant heating device in a poultry or swine operation.	226	Energy efficiency of equipment and facilities	20	20	20	20	20	20	20	20	20	20	20
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate		25		25				25	25		
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate		25		25				25	25		
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste		25		25				25	25		
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	174	Concentrated nutrient and pathogen surface loss from domestic animals standing in surface water			50	50							
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste		25		25				10	25		
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	150	Concentration of salts or other chemicals				5				5	5		
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	156	Nonpoint nitrogen leaching loss			50	50							
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	158	Nonpoint nitrogen surface loss			50	50							
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	157	Nonpoint phosphorus leaching loss			50	50							
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	159	Nonpoint phosphorus surface loss			50	50							
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	166	Salt loss to groundwater			5	5							
592	Feed Management	00N	AH	Nutrients - Manipulate and control quantity and quality of nutrients fed to livestock and poultry to prevent excess nutrients in surface and groundwater by reducing the quantity of nitrogen, phosphorus, sulfur, salts, and other nutrients excreted in the manure	167	Salt loss to surface water			5	5							

592	Feed Management	01N	AH	Pathogens - Prevent excess pathogens and chemicals from manure, biosolids or compost applications by reducing their quantity and viability in manure.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate		25		25				25	25	
592	Feed Management	01N	AH	Pathogens - Prevent excess pathogens and chemicals from manure, biosolids or compost applications by reducing their quantity and viability in manure.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate		25		25				25	25	
592	Feed Management	01N	AH	Pathogens - Prevent excess pathogens and chemicals from manure, biosolids or compost applications by reducing their quantity and viability in manure.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste		25		25				25	25	
592	Feed Management	01N	AH	Pathogens - Prevent excess pathogens and chemicals from manure, biosolids or compost applications by reducing their quantity and viability in manure.	174	Concentrated nutrient and pathogen surface loss from domestic animals standing in surface water			50	50						
592	Feed Management	01N	AH	Pathogens - Prevent excess pathogens and chemicals from manure, biosolids or compost applications by reducing their quantity and viability in manure.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste		25		25				10	25	
592	Feed Management	01N	AH	Pathogens - Prevent excess pathogens and chemicals from manure, biosolids or compost applications by reducing their quantity and viability in manure.	160	Nonpoint pathogen loss to groundwater			50	50						
592	Feed Management	01N	AH	Pathogens - Prevent excess pathogens and chemicals from manure, biosolids or compost applications by reducing their quantity and viability in manure.	161	Nonpoint pathogen surface loss			50	50						
592	Feed Management	02N	AH	Air Quality - Reduce odor, particulate matter, and greenhouse gas (GHG) emissions production from animal feed operations	192	GHGs - confined animal activities				30						
592	Feed Management	02N	AH	Air Quality - Reduce odor, particulate matter, and greenhouse gas (GHG) emissions production from animal feed operations	212	Odor - confined animal activity				30						
592	Feed Management	02N	AH	Air Quality - Reduce odor, particulate matter, and greenhouse gas (GHG) emissions production from animal feed operations	198	Ozone - confined animal activities				30						
592	Feed Management	02N	AH	Air Quality - Reduce odor, particulate matter, and greenhouse gas (GHG) emissions production from animal feed operations	204	PM - confined animal activities				30						
592	Feed Management	02N	AH	Air Quality - Reduce odor, particulate matter, and greenhouse gas (GHG) emissions production from animal feed operations	187	Reactive nitrogen - confined animal activities				40						
382	Fence	00N	Graz Land Sp	Fence - Install fence to meet management objectives.	220	Aquatic habitat for fish and other organisms	5	5	5	5	5	5	5	5	5	
382	Fence	00N	Graz Land Sp	Fence - Install fence to meet management objectives.	145	Bank erosion from streams, shorelines or water conveyance channels	25	25	25	25	25	25	25	25	25	
382	Fence	00N	Graz Land Sp	Fence - Install fence to meet management objectives.	174	Concentrated nutrient and pathogen surface loss from domestic animals standing in surface water	25	25					25	25		
382	Fence	00N	Graz Land Sp	Fence - Install fence to meet management objectives.	181	Drifted snow	5	5	5	5	5	5	5	5	5	
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	147	Ephemeral gully erosion		10								
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	191	GHGs - carbon stock	10	10								
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	168	Groundwater depletion		5								
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	158	Nonpoint nitrogen surface loss	1	5	1	1	1	1	1	5		
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	233	Nonpoint pesticide drift to surface water	15	15						15		
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	165	Nonpoint pesticide surface loss	30	30						30		
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	159	Nonpoint phosphorus surface loss	1	10	1	1	1	1	1	10		
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	163	Sediment from erosion		5								
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	154	Sheet and rill erosion		5								
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	170	Surface water depletion		5								
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	225	Terrestrial habitat for wildlife and invertebrates		25						25		
386	Field Border	00N	Agron	Field Border - Establish strips of permanent vegetation at the edge of or around the perimeter of a field.	155	Wind erosion		5								
376	Field Operations Emissions Reduction	00N	Agron	PM Reduction - Adjust field operations to reduce particulate matter emissions from field operations. Utilize methods such as combined tillage operations, equipment adjustments, operating procedures, irrigation chemical or nutrient application and similar.	199	Ozone - open burning		50								



399	Fishpond Management	00N	AqEco	General Fishpond Mgmt. - Provide favorable habitat for fish and other aquatic organisms to develop and maintain a desired species composition and ratio of fish.	220	Aquatic habitat for fish and other organisms	10				10	10		10	10	10	
399	Fishpond Management	00N	AqEco	General Fishpond Mgmt. - Provide favorable habitat for fish and other aquatic organisms to develop and maintain a desired species composition and ratio of fish.	224	Inadequate livestock water quantity, quality and distribution					25						
399	Fishpond Management	00N	AqEco	General Fishpond Mgmt. - Provide favorable habitat for fish and other aquatic organisms to develop and maintain a desired species composition and ratio of fish.	219	Plant pest pressure	5	5			5	5		5	5		
399	Fishpond Management	00N	AqEco	General Fishpond Mgmt. - Provide favorable habitat for fish and other aquatic organisms to develop and maintain a desired species composition and ratio of fish.	214	Plant productivity and health		5			5	5		5	5		
399	Fishpond Management	00N	AqEco	General Fishpond Mgmt. - Provide favorable habitat for fish and other aquatic organisms to develop and maintain a desired species composition and ratio of fish.	215	Plant structure and composition								5	5		
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	148	Aggregate instability	20	20						20			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	149	Compaction	20	20						20			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	150	Concentration of salts or other chemicals	5	5						5	5		
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	182	Drought susceptibility		10						10			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	222	Feed and forage balance		15						15	5		
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	218	Invasive species		5						15			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	183	Moisture Management	10	10	10	10			10	10			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	156	Nonpoint nitrogen leaching loss		5						5			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	158	Nonpoint nitrogen surface loss		5						5			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30		
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	157	Nonpoint phosphorus leaching loss		5						5			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	159	Nonpoint phosphorus surface loss		5						5			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	151	Organic matter depletion	20	20						20			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	219	Plant pest pressure	15	5					15	15			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	214	Plant productivity and health		5						10			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	215	Plant structure and composition								5			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	163	Sediment from erosion		5						5			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	154	Sheet and rill erosion		10						10			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	152	Soil organism habitat loss or degradation	20	20						20			
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	225	Terrestrial habitat for wildlife and invertebrates	10	10	10	10	10	10	10	10	10		
511	Forage Harvest Management	00N	Graz Land Sp	Forage Harvest - Cut and remove forages from the fields as hay, green-chop or silage in a timely manner in order to meet management objectives.	155	Wind erosion		10						10			
666	Forest Stand Improvement	00N	For	Forest Stand Improvement - Treat species composition, stand structure or density by cutting or killing selected trees or understory vegetation to achieve desired forest conditions or obtain ecosystem services.	148	Aggregate instability	20					20					
666	Forest Stand Improvement	00N	For	Forest Stand Improvement - Treat species composition, stand structure or density by cutting or killing selected trees or understory vegetation to achieve desired forest conditions or obtain ecosystem services.	182	Drought susceptibility	20					20					
666	Forest Stand Improvement	00N	For	Forest Stand Improvement - Treat species composition, stand structure or density by cutting or killing selected trees or understory vegetation to achieve desired forest conditions or obtain ecosystem services.	191	GHGs - carbon stock	30					30					



410	Grade Stabilization Structure	00N	DE	Stabilization - Install a structure to control the grade in natural or constructed channels.	147	Ephemeral gully erosion		50									
410	Grade Stabilization Structure	00N	DE	Stabilization - Install a structure to control the grade in natural or constructed channels.	158	Nonpoint nitrogen surface loss	2	5	2	2	2	2	5				
410	Grade Stabilization Structure	00N	DE	Stabilization - Install a structure to control the grade in natural or constructed channels.	159	Nonpoint phosphorus surface loss	2	5	2	2	2	2	5				
410	Grade Stabilization Structure	00N	DE	Stabilization - Install a structure to control the grade in natural or constructed channels.	163	Sediment from erosion		10			10		10	10			
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	146	Classic gully erosion	50	50	50	50			50	50			
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	147	Ephemeral gully erosion		50									
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	183	Moisture Management	25	25	25	25	25	25	25	25			
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	158	Nonpoint nitrogen surface loss	3	5	3	3	3	3	5				
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30			
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	159	Nonpoint phosphorus surface loss	3	5	3	3	3	3	5				
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	184	Ponding and flooding	10	10	10	10	10	10	10	10			
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	185	Seasonal high water table	5	5	5	5	5	5	5	5			
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	163	Sediment from erosion		15									
412	Grassed Waterway	00N	AE	Waterway - Establish a shaped or graded channel with suitable vegetation to convey surface water at a nonerosive velocity using a broad and shallow cross section to a stable outlet.	186	Seeps	5	5	5	5	5	5	5	5			
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	149	Compaction								15	15		
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	181	Drifted snow	15	15	15	15	15	15	15	15	15		
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	182	Drought susceptibility										20	
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	222	Feed and forage balance						5		5	10		
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	168	Groundwater depletion	5	5	5	5	5	5	5	5			
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	183	Moisture Management	20	20	20	20	20	20	20	20			
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	158	Nonpoint nitrogen surface loss								5			
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	159	Nonpoint phosphorus surface loss								5			
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	214	Plant productivity and health						5		5	15		
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	215	Plant structure and composition						5		5	15		
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	184	Ponding and flooding	25	25	25	25	25	25	25	25			
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	163	Sediment from erosion	5					5	5	5	5		
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	154	Sheet and rill erosion						5	10	5	5		
548	Grazing Land Mechanical Treatment	00N	Graz Land Sp	Grazing Land Mechanical Treatment - Modify physical soil and/or plant conditions with mechanical tools to meet management objectives.	170	Surface water depletion	20	20	20	20	20	20	20	20			
815	Groundwater Recharge Basin or Trench	00N	Interim	Recharge Basin - Install an off-channel impoundment with a permeable base underlain by an unconfined aquifer.	168	Groundwater depletion	50	50	50	50	50	50	50	50			
355	Groundwater Testing	00N	EG	Groundwater Testing - Test the physical, biological, and chemical quality of groundwater from a water well or spring.													
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	146	Classic gully erosion	50			50	50	50	50				

561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	25	25		25			25	25	
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25		25			25	25	
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste				25					
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	219	Plant pest pressure	5	5		5	5			5	
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	204	PM - confined animal activities				25					
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	206	PM - dust from unpaved roads	25	25		25	25	25	25	25	
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	210	PM - windblown dust	25	25		25	25	25	25	25	
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	163	Sediment from erosion	25		25	25			25		
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	154	Sheet and rill erosion			5	15	20		5	5	
561	Heavy Use Area Protection	00N	AE	Stabilization - Stabilize or protect an intensively used area.	155	Wind erosion			5				5	5	
422	Hedgerow Planting	00N	Wbio	Wildlife Hedgerow - Establish dense vegetation in a linear design to provide one or more of the following fish and wildlife habitat components: food, cover and corridors for terrestrial wildlife; enhanced pollen, nectar and nesting habitat for pollinators; food, cover and shade for aquatic organisms that lie in adjacent streams or water courses.	220	Aquatic habitat for fish and other organisms	10	10	10	10	10	10	10	10	
422	Hedgerow Planting	00N	Wbio	Wildlife Hedgerow - Establish dense vegetation in a linear design to provide one or more of the following fish and wildlife habitat components: food, cover and corridors for terrestrial wildlife; enhanced pollen, nectar and nesting habitat for pollinators; food, cover and shade for aquatic organisms that lie in adjacent streams or water courses.	225	Terrestrial habitat for wildlife and invertebrates	40	40	40	40	40	40	40	40	
422	Hedgerow Planting	00N	Wbio	Wildlife Hedgerow - Establish dense vegetation in a linear design to provide one or more of the following fish and wildlife habitat components: food, cover and corridors for terrestrial wildlife; enhanced pollen, nectar and nesting habitat for pollinators; food, cover and shade for aquatic organisms that lie in adjacent streams or water courses.	221	Water temperature effects on aquatic habitat	40	40	40	40	40	40	40	40	40
422	Hedgerow Planting	01N	Wbio	Beetle Bank - Establish dense vegetation in a linear design to provide substrate for predaceous and beneficial invertebrates as a component of integrated pest management.	219	Plant pest pressure	5	10		5					
422	Hedgerow Planting	01N	Wbio	Beetle Bank - Establish dense vegetation in a linear design to provide substrate for predaceous and beneficial invertebrates as a component of integrated pest management.	225	Terrestrial habitat for wildlife and invertebrates	5	5	5	5	5	5	5	5	
422	Hedgerow Planting	02N	Wbio	Hedgerow Screen - Establish dense vegetation in a linear design to achieve one or more of the following: intercept airborne particulate matter, reduce chemical drift or odor movement, provide screen and barrier to noise and dust; and increase carbon storage in biomass and soils.	212	Odor - confined animal activity				50					
422	Hedgerow Planting	02N	Wbio	Hedgerow Screen - Establish dense vegetation in a linear design to achieve one or more of the following: intercept airborne particulate matter, reduce chemical drift or odor movement, provide screen and barrier to noise and dust; and increase carbon storage in biomass and soils.	213	Odor - nitrogen fertilizer	50	50			50		50		
422	Hedgerow Planting	02N	Wbio	Hedgerow Screen - Establish dense vegetation in a linear design to achieve one or more of the following: intercept airborne particulate matter, reduce chemical drift or odor movement, provide screen and barrier to noise and dust; and increase carbon storage in biomass and soils.	204	PM - confined animal activities				50					
422	Hedgerow Planting	02N	Wbio	Hedgerow Screen - Establish dense vegetation in a linear design to achieve one or more of the following: intercept airborne particulate matter, reduce chemical drift or odor movement, provide screen and barrier to noise and dust; and increase carbon storage in biomass and soils.	205	PM - dust from field operations		50						50	
422	Hedgerow Planting	02N	Wbio	Hedgerow Screen - Establish dense vegetation in a linear design to achieve one or more of the following: intercept airborne particulate matter, reduce chemical drift or odor movement, provide screen and barrier to noise and dust; and increase carbon storage in biomass and soils.	206	PM - dust from unpaved roads	50	50		50	50	50	50	50	
422	Hedgerow Planting	02N	Wbio	Hedgerow Screen - Establish dense vegetation in a linear design to achieve one or more of the following: intercept airborne particulate matter, reduce chemical drift or odor movement, provide screen and barrier to noise and dust; and increase carbon storage in biomass and soils.	207	PM - nitrogen fertilizer	50	50			50		50		
422	Hedgerow Planting	02N	Wbio	Hedgerow Screen - Establish dense vegetation in a linear design to achieve one or more of the following: intercept airborne particulate matter, reduce chemical drift or odor movement, provide screen and barrier to noise and dust; and increase carbon storage in biomass and soils.	202	PM - pesticide drift	50	50		50	50		50	50	
422	Hedgerow Planting	02N	Wbio	Hedgerow Screen - Establish dense vegetation in a linear design to achieve one or more of the following: intercept airborne particulate matter, reduce chemical drift or odor movement, provide screen and barrier to noise and dust; and increase carbon storage in biomass and soils.	210	PM - windblown dust	50	50		50	50	50	50	50	







441	Irrigation System, Microirrigation	00N	WME	Microirrigation system - Install an irrigation system for frequent, efficient, and uniform application of small quantities of water on or below the soil surface: as drops, tiny streams, or miniature spray through emitters or applicators placed along a water delivery line.	184	Ponding and flooding	5	5	5	5	5	5	5		
441	Irrigation System, Microirrigation	00N	WME	Microirrigation system - Install an irrigation system for frequent, efficient, and uniform application of small quantities of water on or below the soil surface: as drops, tiny streams, or miniature spray through emitters or applicators placed along a water delivery line.	166	Salt loss to groundwater		25							
441	Irrigation System, Microirrigation	00N	WME	Microirrigation system - Install an irrigation system for frequent, efficient, and uniform application of small quantities of water on or below the soil surface: as drops, tiny streams, or miniature spray through emitters or applicators placed along a water delivery line.	185	Seasonal high water table	5	5	5	5	5	5	5		
441	Irrigation System, Microirrigation	00N	WME	Microirrigation system - Install an irrigation system for frequent, efficient, and uniform application of small quantities of water on or below the soil surface: as drops, tiny streams, or miniature spray through emitters or applicators placed along a water delivery line.	186	Seeps	5	5	5	5	5	5	5		
441	Irrigation System, Microirrigation	00N	WME	Microirrigation system - Install an irrigation system for frequent, efficient, and uniform application of small quantities of water on or below the soil surface: as drops, tiny streams, or miniature spray through emitters or applicators placed along a water delivery line.	154	Sheet and rill erosion		40							
441	Irrigation System, Microirrigation	00N	WME	Microirrigation system - Install an irrigation system for frequent, efficient, and uniform application of small quantities of water on or below the soil surface: as drops, tiny streams, or miniature spray through emitters or applicators placed along a water delivery line.	170	Surface water depletion	25	25	25	25		25	25		
443	Irrigation System, Surface and Subsurface	00N	WME	Surface and subsurface irrigation system - Install a system in which all necessary earthwork, multioutlet pipelines, and water-control structures are installed for distribution of water by surface or subsurface means through water table control.	168	Groundwater depletion	25	25	25	25		25	25		
443	Irrigation System, Surface and Subsurface	00N	WME	Surface and subsurface irrigation system - Install a system in which all necessary earthwork, multioutlet pipelines, and water-control structures are installed for distribution of water by surface or subsurface means through water table control.	169	Inefficient irrigation water use	30	30	30	30		30	30		
443	Irrigation System, Surface and Subsurface	00N	WME	Surface and subsurface irrigation system - Install a system in which all necessary earthwork, multioutlet pipelines, and water-control structures are installed for distribution of water by surface or subsurface means through water table control.	164	Nonpoint pesticide leaching loss	10	10	10	10	10	10	10		
443	Irrigation System, Surface and Subsurface	00N	WME	Surface and subsurface irrigation system - Install a system in which all necessary earthwork, multioutlet pipelines, and water-control structures are installed for distribution of water by surface or subsurface means through water table control.	165	Nonpoint pesticide surface loss	10	10	10	10	10	10	10		
443	Irrigation System, Surface and Subsurface	00N	WME	Surface and subsurface irrigation system - Install a system in which all necessary earthwork, multioutlet pipelines, and water-control structures are installed for distribution of water by surface or subsurface means through water table control.	170	Surface water depletion	25	25	25	25		25	25		
449	Irrigation Water Management	00N	WME	Irrigation Water Management - Manage irrigation water by determining and controlling the volume, frequency, and application rate of irrigation water to improve irrigation water use efficiency, minimize irrigation induced soil erosion, decrease degradation of surface and groundwater resources, manage salts in the crop root zone, manage air, soil, or plant micro-climate, or reduce energy use.	150	Concentration of salts or other chemicals		25	25	25		25			
449	Irrigation Water Management	00N	WME	Irrigation Water Management - Manage irrigation water by determining and controlling the volume, frequency, and application rate of irrigation water to improve irrigation water use efficiency, minimize irrigation induced soil erosion, decrease degradation of surface and groundwater resources, manage salts in the crop root zone, manage air, soil, or plant micro-climate, or reduce energy use.	182	Drought susceptibility		5					5		5
449	Irrigation Water Management	00N	WME	Irrigation Water Management - Manage irrigation water by determining and controlling the volume, frequency, and application rate of irrigation water to improve irrigation water use efficiency, minimize irrigation induced soil erosion, decrease degradation of surface and groundwater resources, manage salts in the crop root zone, manage air, soil, or plant micro-climate, or reduce energy use.	226	Energy efficiency of equipment and facilities	10	10	10	10	10	10	10	10	10
449	Irrigation Water Management	00N	WME	Irrigation Water Management - Manage irrigation water by determining and controlling the volume, frequency, and application rate of irrigation water to improve irrigation water use efficiency, minimize irrigation induced soil erosion, decrease degradation of surface and groundwater resources, manage salts in the crop root zone, manage air, soil, or plant micro-climate, or reduce energy use.	222	Feed and forage balance		10						10	
449	Irrigation Water Management	00N	WME	Irrigation Water Management - Manage irrigation water by determining and controlling the volume, frequency, and application rate of irrigation water to improve irrigation water use efficiency, minimize irrigation induced soil erosion, decrease degradation of surface and groundwater resources, manage salts in the crop root zone, manage air, soil, or plant micro-climate, or reduce energy use.	168	Groundwater depletion	10	10	10	10		10	10		
449	Irrigation Water Management	00N	WME	Irrigation Water Management - Manage irrigation water by determining and controlling the volume, frequency, and application rate of irrigation water to improve irrigation water use efficiency, minimize irrigation induced soil erosion, decrease degradation of surface and groundwater resources, manage salts in the crop root zone, manage air, soil, or plant micro-climate, or reduce energy use.	169	Inefficient irrigation water use	20	20	20	20		20	20		20



449	Irrigation Water Management	00N	WME	Irrigation Water Management - Manage irrigation water by determining and controlling the volume, frequency, and application rate of irrigation water to improve irrigation water use efficiency, minimize irrigation induced soil erosion, decrease degradation of surface and groundwater resources, manage salts in the crop root zone, manage air, soil, or plant micro-climate, or reduce energy use.	154	Sheet and rill erosion		5									
449	Irrigation Water Management	00N	WME	Irrigation Water Management - Manage irrigation water by determining and controlling the volume, frequency, and application rate of irrigation water to improve irrigation water use efficiency, minimize irrigation induced soil erosion, decrease degradation of surface and groundwater resources, manage salts in the crop root zone, manage air, soil, or plant micro-climate, or reduce energy use.	170	Surface water depletion	10	10	10	10		10	10				10
527	Karst Sinkhole Treatment	00N	EG	Sinkhole Treatment - Treat the existing sinkhole(s) to reduce erosion and contamination of surface and groundwater resources.	146	Classic gully erosion	50	50	50	50	50	50	50	50	50	50	
527	Karst Sinkhole Treatment	00N	EG	Sinkhole Treatment - Treat the existing sinkhole(s) to reduce erosion and contamination of surface and groundwater resources.	164	Nonpoint pesticide leaching loss	30	30	30	30	30	30	30	30	30	30	
527	Karst Sinkhole Treatment	00N	EG	Sinkhole Treatment - Treat the existing sinkhole(s) to reduce erosion and contamination of surface and groundwater resources.	166	Salt loss to groundwater	50	50	50	50	50	50	50	50	50	50	
460	Land Clearing	00N	AE	Land Clearing - Remove trees, stumps, and other vegetation from wooded areas to achieve a conservation objective.	214	Plant productivity and health	5	5		5			5	5			
460	Land Clearing	00N	AE	Land Clearing - Remove trees, stumps, and other vegetation from wooded areas to achieve a conservation objective.	216	Wildfire hazard from biomass accumulation	5	5		5	10			5	5		
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	146	Classic gully erosion							50				
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	168	Groundwater depletion	10	10	10	10	10	10	10	10	10	10	
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	177	Mine waste remediation and containment - groundwater	25	25			25	25	25	25	25	25	
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	179	Mine waste remediation and containment - surface water	25	25			25	25	25	25	25	25	
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	183	Moisture Management							10				
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	184	Ponding and flooding	10	10	10	10	10	10	10	10	10	10	
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	163	Sediment from erosion							50				
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	154	Sheet and rill erosion							50				
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	170	Surface water depletion	10	10	10	10	10	10	10	10	10	10	
543	Land Reclamation, Abandoned Mined Land	00N	SE	Abandoned Mine - Reclaim land and water areas adversely affected by past mining activities.	155	Wind erosion							50				
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	146	Classic gully erosion							50				
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	168	Groundwater depletion	10	10	10	10	10	10	10	10	10	10	
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	177	Mine waste remediation and containment - groundwater	25	25			25	25	25	25	25	25	
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	179	Mine waste remediation and containment - surface water	25	25			25	25	25	25	25	25	
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	183	Moisture Management	10	10	10	10	10	10	10	10	10	10	
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	184	Ponding and flooding	10	10	10	10	10	10	10	10	10	10	
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	163	Sediment from erosion							50				
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	154	Sheet and rill erosion							50				
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	170	Surface water depletion	10	10	10	10	10	10	10	10	10	10	
544	Land Reclamation, Currently Mined Land	00N	SE	Currently Mined - Reclaim currently mined land to an acceptable form and planned use.	155	Wind erosion							50				
453	Land Reclamation, Landslide Treatment	00N	SE	Landslide Treatment - Manage in-place natural materials, mine spoil, mine waste or overburden to reduce down-slope movement.	177	Mine waste remediation and containment - groundwater	25	25			25	25	25	25	25	25	
453	Land Reclamation, Landslide Treatment	00N	SE	Landslide Treatment - Manage in-place natural materials, mine spoil, mine waste or overburden to reduce down-slope movement.	179	Mine waste remediation and containment - surface water	25	25			25	25	25	25	25	25	



484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	148	Aggregate instability	5	5	5	5	5	5	5	5			
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	182	Drought susceptibility	25	25	25	25	25	25	25	25	25		
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	168	Groundwater depletion	10	10	10	10	10	10	10	10	10		
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	169	Inefficient irrigation water use	10	10	10	10	10	10	10	10	10		
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	183	Moisture Management	25	25	25	25	25	25	25	25	25		
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	158	Nonpoint nitrogen surface loss	3	5	3	3	3	3	5				
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30		
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	159	Nonpoint phosphorus surface loss	3	5	3	3	3	3	5				
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	151	Organic matter depletion	5	5	5	5	5	5	5	5			
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	214	Plant productivity and health	5	5	5	5	20						
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	204	PM - confined animal activities				25							
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	210	PM - windblown dust	25	25		25	25	25	25	25			
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	163	Sediment from erosion	10	5			20	10					
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	154	Sheet and rill erosion	10	10			20	10					
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	152	Soil organism habitat loss or degradation	5	5	5	5	5	5	5	5			
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	170	Surface water depletion	10	10	10	10	10	10	10	10	10		
484	Mulching	00N	<i>Agron</i>	Basic Mulching - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 70% ground cover.	155	Wind erosion		40			10						
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	148	Aggregate instability	5	5	5	5	5	5	5	5			
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	150	Concentration of salts or other chemicals		5									
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	182	Drought susceptibility	30	30	30	30	30	30	30	30	30		
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	168	Groundwater depletion	15	15	15	15	15	15	15	15	15		
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	169	Inefficient irrigation water use	15	15	15	15	15	15	15	15	15		
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	183	Moisture Management	30	30	30	30	30	30	30	30	30		
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	158	Nonpoint nitrogen surface loss	3	5	3	3	3	3	5				
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30		
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	159	Nonpoint phosphorus surface loss	3	5	3	3	3	3	5				
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	151	Organic matter depletion	5	5	5	5	5	5	5	5			
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	214	Plant productivity and health	5	20	5	5	20						
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	204	PM - confined animal activities				25							
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	210	PM - windblown dust	25	25		25	25	25	25	25			
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	163	Sediment from erosion	10	10			20	10					
484	Mulching	01N	<i>Agron</i>	Moisture Management - Apply plant residues or other suitable materials evenly over the land surface to achieve a minimum of 90% ground cover.	154	Sheet and rill erosion	10	20			20	10					



590	Nutrient Management	00N	NM	Basic NM - Implement a basic Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing off-site movement of nutrients.	214	Plant productivity and health	15	20	15	15	5	15	10		
590	Nutrient Management	00N	NM	Basic NM - Implement a basic Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing off-site movement of nutrients.	207	PM - nitrogen fertilizer	50	50			50		50		
590	Nutrient Management	00N	NM	Basic NM - Implement a basic Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing off-site movement of nutrients.	188	Reactive nitrogen - nitrogen fertilizer	50	50			50		50		
590	Nutrient Management	00N	NM	Basic NM - Implement a basic Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing off-site movement of nutrients.	154	Sheet and rill erosion		5							
590	Nutrient Management	00N	NM	Basic NM - Implement a basic Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing off-site movement of nutrients.	152	Soil organism habitat loss or degradation	5	5	5	5	5	5	5		
590	Nutrient Management	00N	NM	Basic NM - Implement a basic Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing off-site movement of nutrients.	216	Wildfire hazard from biomass accumulation		5							
590	Nutrient Management	00N	NM	Basic NM - Implement a basic Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing off-site movement of nutrients.	155	Wind erosion		5							
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	148	Aggregate instability	5	5	5	5	5	5	5		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	150	Concentration of salts or other chemicals	5	5	5	5	5	5	5		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	222	Feed and forage balance								10	
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	196	GHGs - nitrogen fertilizer	50	50			50		50		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	218	Invasive species								10	
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	156	Nonpoint nitrogen leaching loss	15	30	15	15	15	15	30		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	158	Nonpoint nitrogen surface loss	15	30	15	15	15	15	30		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	160	Nonpoint pathogen loss to groundwater	50	50	50	50	50	50	50	50	
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	161	Nonpoint pathogen surface loss'	50	50	50	50	50	50	50	50	
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	157	Nonpoint phosphorus leaching loss	15	30	15	15	15	15	30		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	159	Nonpoint phosphorus surface loss	15	30	15	15	15	15	30		

590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	213	Odor - nitrogen fertilizer	60	60			60		60		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	151	Organic matter depletion	5	5	5	5	5	5	5		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	214	Plant productivity and health	15	20	15	15	5	15	10		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	207	PM - nitrogen fertilizer	50	50			50		50		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	188	Reactive nitrogen - nitrogen fertilizer	60	60			60		60		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	154	Sheet and rill erosion		5							
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	152	Soil organism habitat loss or degradation	5	5	5	5	5	5	5		
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	216	Wildfire hazard from biomass accumulation		5							
590	Nutrient Management	01N	NM	Basic NM + Incorporate/Inject - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) and includes incorporation or injection of manure, biosolids, or compost to benefit plant productivity while also reducing off-site movement of nutrients. Nutrients are either incorporated using tillage or injected into the soil.	155	Wind erosion		5							
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	148	Aggregate instability	10	10	10	10	10	10	10		
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	150	Concentration of salts or other chemicals	5	5	5	5	5	5	5		
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	222	Feed and forage balance							10		
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	196	GHGs - nitrogen fertilizer	60	60			60		60		
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	218	Invasive species							10		
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	156	Nonpoint nitrogen leaching loss	15	30	15	15	15	15	30		
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	158	Nonpoint nitrogen surface loss	15	30	15	15	15	15	30		

590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	160	Nonpoint pathogen loss to groundwater	50	50	50	50	50	50	50	50		
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	161	Nonpoint pathogen surface loss'	50	50	50	50	50	50	50	50		
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	157	Nonpoint phosphorus leaching loss	15	30	15	15	15	15	30			
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	159	Nonpoint phosphorus surface loss	15	30	15	15	15	15	30			
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	213	Odor - nitrogen fertilizer	50	50			50		50			
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	151	Organic matter depletion	10	10	10	10	10	10	10			
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	214	Plant productivity and health	15	20	15	15	5	15	10			
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	207	PM - nitrogen fertilizer	50	50			50		50			
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	188	Reactive nitrogen - nitrogen fertilizer	50	50			50		50			
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	154	Sheet and rill erosion		5								
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	152	Soil organism habitat loss or degradation	15	15	15	15	15	15	15			
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	216	Wildfire hazard from biomass accumulation		5								
590	Nutrient Management	02N	NM	Basic NM + Soil Health - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients and improving or maintaining soil organic matter. Implement as a component of a comprehensive Soil Health Management System.	155	Wind erosion		5								
590	Nutrient Management	03N	NM	Basic NM + Air Quality - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also addressing air quality concerns caused by odor, nitrogen, sulfur, and particulate emissions.	148	Aggregate instability	5	5	5	5	5	5	5			
590	Nutrient Management	03N	NM	Basic NM + Air Quality - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also addressing air quality concerns caused by odor, nitrogen, sulfur, and particulate emissions.	150	Concentration of salts or other chemicals	5	5	5	5	5	5	5			
590	Nutrient Management	03N	NM	Basic NM + Air Quality - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also addressing air quality concerns caused by odor, nitrogen, sulfur, and particulate emissions.	222	Feed and forage balance							10			



590	Nutrient Management	03N	NM	Basic NM + Air Quality - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also addressing air quality concerns caused by odor, nitrogen, sulfur, and particulate emissions.	216	Wildfire hazard from biomass accumulation		5										
590	Nutrient Management	03N	NM	Basic NM + Air Quality - Implement a Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also addressing air quality concerns caused by odor, nitrogen, sulfur, and particulate emissions.	155	Wind erosion		5										
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	148	Aggregate instability	5	5	5	5	5	5	5	5				
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	150	Concentration of salts or other chemicals	5	5	5	5	5	5	5	5				
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	222	Feed and forage balance											10	
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	196	GHGs - nitrogen fertilizer	60	60				60					60	
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	218	Invasive species											10	
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	156	Nonpoint nitrogen leaching loss	15	30	15	15	15	15	15	15	30			
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	158	Nonpoint nitrogen surface loss	15	50	15	15	15	15	15	15	30			
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	160	Nonpoint pathogen loss to groundwater	50	50	50	50	50	50	50	50	50	50		
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	161	Nonpoint pathogen surface loss'	50	50	50	50	50	50	50	50	50	50		
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	157	Nonpoint phosphorus leaching loss	15	30	15	15	15	15	15	15	30			
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	159	Nonpoint phosphorus surface loss	15	50	15	15	15	15	15	15	30			

590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	213	Odor - nitrogen fertilizer	60	60			60		60				
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	151	Organic matter depletion	5	5	5	5	5	5	5				
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	214	Plant productivity and health	15	20	15	15	5	15	10				
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	207	PM - nitrogen fertilizer	60	60			60		60				
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	188	Reactive nitrogen - nitrogen fertilizer	60	60			60		60				
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	154	Sheet and rill erosion		5									
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	152	Soil organism habitat loss or degradation	10	10	10	10	10	10	10				
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	216	Wildfire hazard from biomass accumulation		5									
590	Nutrient Management	04N	NM	Precision NM - Implement a Precision Nutrient Management Plan which includes the 4Rs (right source, rate, time, place) to benefit plant productivity while also reducing potential of off-site movement of nutrients. Utilize global positioning system (GPS) technology to geo-reference soil sample locations, as well as input and yield data. Apply nutrients according to site-specific recommendations for each GPS-referenced sampling point.	155	Wind erosion		5									
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	222	Feed and forage balance							10				
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	196	GHGs - nitrogen fertilizer	70	70			70		70				
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	218	Invasive species							10				
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	156	Nonpoint nitrogen leaching loss	15	30	15	15	15	15	30				

590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	158	Nonpoint nitrogen surface loss	15	30	15	15	15	15	30		
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	160	Nonpoint pathogen loss to groundwater	50	50	50	50	50	50	50	50	
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	161	Nonpoint pathogen surface loss'	50	50	50	50	50	50	50	50	
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	157	Nonpoint phosphorus leaching loss	15	30	15	15	15	15	30		
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	159	Nonpoint phosphorus surface loss	15	30	15	15	15	15	30		
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	213	Odor - nitrogen fertilizer	70	70			70		70		
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	214	Plant productivity and health	15	20	15	15	5	15	10		
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	207	PM - nitrogen fertilizer	70	70			70		70		
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	188	Reactive nitrogen - nitrogen fertilizer	70	70			70		70		
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	154	Sheet and rill erosion		5							
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	216	Wildfire hazard from biomass accumulation		5							
590	Nutrient Management	05N	NM	Adaptive NM - Utilize Adaptive Nutrient Management principles to implement a Nutrient Management Plan, including replicated test plots and assistance from a consultant or extension professional knowledgeable in nutrient management and experimental design and data collection. Use results to make nutrient application decisions and adjustments to address nutrient use efficiencies.	155	Wind erosion		5							
500	Obstruction Removal	00N	AE	Obstruction Removal - Remove and dispose of buildings, structures, other works of improvement, vegetation, debris or other materials.	199	Ozone - open burning	25	25		25	25		25	25	
500	Obstruction Removal	00N	AE	Obstruction Removal - Remove and dispose of buildings, structures, other works of improvement, vegetation, debris or other materials.	208	PM - open burning	25	25		25	25		25	25	
500	Obstruction Removal	00N	AE	Obstruction Removal - Remove and dispose of buildings, structures, other works of improvement, vegetation, debris or other materials.	189	Reactive nitrogen - open burning	25	25		25	25		25	25	
500	Obstruction Removal	00N	AE	Obstruction Removal - Remove and dispose of buildings, structures, other works of improvement, vegetation, debris or other materials.	216	Wildfire hazard from biomass accumulation	5			5	5		5	5	
817	On-Farm Recharge	00N	Interim	On-Farm Recharge - Apply surface or stormwater periodically to cropland with connectivity to an unconfined aquifer.	168	Groundwater depletion	50	50							

319	On-Farm Secondary Containment Facility	00N	EE	Secondary Containment - Construct a permanent facility to provide secondary containment of oil and oil products used onfarm.	178	Petroleum and other pollutant containment to groundwater	50	50	50	50	50	50	50	50	
319	On-Farm Secondary Containment Facility	00N	EE	Secondary Containment - Construct a permanent facility to provide secondary containment of oil and oil products used onfarm.	180	Petroleum and other pollutant containment to surface water	50	50	50	50	50	50	50	50	
582	Open Channel	00N	DE	Open Channel - Open or construct a natural or artificial channel in which water flows with a free surface.	181	Drifted snow	5	5	5	5	5	5	5	5	
582	Open Channel	00N	DE	Open Channel - Open or construct a natural or artificial channel in which water flows with a free surface.	168	Groundwater depletion	5	5	5	5	5	5	5	5	
582	Open Channel	00N	DE	Open Channel - Open or construct a natural or artificial channel in which water flows with a free surface.	183	Moisture Management	15	15	15	15	15	15	15	15	
582	Open Channel	00N	DE	Open Channel - Open or construct a natural or artificial channel in which water flows with a free surface.	184	Ponding and flooding	50	50	50	50	50	50	50	50	
582	Open Channel	00N	DE	Open Channel - Open or construct a natural or artificial channel in which water flows with a free surface.	185	Seasonal high water table	30	30	30	30	30	30	30	30	
582	Open Channel	00N	DE	Open Channel - Open or construct a natural or artificial channel in which water flows with a free surface.	186	Seeps	20	20	20	20	20	20	20	20	
582	Open Channel	00N	DE	Open Channel - Open or construct a natural or artificial channel in which water flows with a free surface.	170	Surface water depletion	5	5	5	5	5	5	5	5	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	148	Aggregate instability	30	30						30	30
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	149	Compaction		15						20	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	150	Concentration of salts or other chemicals	25	25						40	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	182	Drought susceptibility		5						5	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	147	Ephemeral gully erosion		50						30	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	222	Feed and forage balance		10						30	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	191	GHGs - carbon stock	70	70			70		70	70	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	183	Moisture Management	5	5	5	5	5	5	5	5	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	156	Nonpoint nitrogen leaching loss		15						15	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	158	Nonpoint nitrogen surface loss		15						15	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	164	Nonpoint pesticide leaching loss	15	15	15	15	15	15	15	15	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	165	Nonpoint pesticide surface loss	15	15	15	15	15	15	15	15	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	157	Nonpoint phosphorus leaching loss		15						15	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	159	Nonpoint phosphorus surface loss		15						15	
512	Pasture and Hay Planting	00N	Graz Land Sp	Forage Planting - Establish adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay or biomass production to meet management objectives.	151	Organic matter depletion	30	30						30	30









520	Pond Sealing or Lining, Compacted Soil Treatment	00N	SE	Compacted Soil Lining Fresh Water - Install a compacted soil liner in a constructed fresh water impoundment.	186	Seeps	10	10	10	10	10	10	10	10		
520	Pond Sealing or Lining, Compacted Soil Treatment	01N	SE	Compacted Soil Lining Waste Water - Install a compacted soil liner in a constructed waste water impoundment.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25		
520	Pond Sealing or Lining, Compacted Soil Treatment	01N	SE	Compacted Soil Lining Waste Water - Install a compacted soil liner in a constructed waste water impoundment.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25		
520	Pond Sealing or Lining, Compacted Soil Treatment	02N	SE	Compacted Soil Lining Petroleum - Install a compacted soil liner in a constructed containment impoundment.	178	Petroleum and other pollutant containment to groundwater	25	25	25	25	25	25	25	25	25	25
520	Pond Sealing or Lining, Compacted Soil Treatment	03N	SE	Compacted Soil Lining added to EXISTING Waste storage - Install a compacted soil liner in an EXISTING constructed waste water impoundment.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	50	50	50	50		50	50	50		
520	Pond Sealing or Lining, Compacted Soil Treatment	03N	SE	Compacted Soil Lining added to EXISTING Waste storage - Install a compacted soil liner in an EXISTING constructed waste water impoundment.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	50	50	50	50		50	50	50		
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	00N	CE	Pond Liner - Install a geomembrane or geosynthetic clay liner in a constructed fresh water impoundment.	224	Inadequate livestock water quantity, quality and distribution								20	20	
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	00N	CE	Pond Liner - Install a geomembrane or geosynthetic clay liner in a constructed fresh water impoundment.	169	Inefficient irrigation water use	10	10	10	10	10	10	10	10	10	10
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	00N	CE	Pond Liner - Install a geomembrane or geosynthetic clay liner in a constructed fresh water impoundment.	184	Ponding and flooding	10	10	10	10	10	10	10	10	10	
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	00N	CE	Pond Liner - Install a geomembrane or geosynthetic clay liner in a constructed fresh water impoundment.	185	Seasonal high water table	10	10	10	10	10	10	10	10	10	
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	00N	CE	Pond Liner - Install a geomembrane or geosynthetic clay liner in a constructed fresh water impoundment.	186	Seeps	10	10	10	10	10	10	10	10	10	
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	01N	CE	Liner Waste water - Install a geomembrane or geosynthetic clay liner in a constructed waste water impoundment.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25		
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	01N	CE	Liner Waste water - Install a geomembrane or geosynthetic clay liner in a constructed waste water impoundment.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25		
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	02N	CE	Add Liner to EXISTING Waste storage - Install a geomembrane or geoclay liner in an EXISTING constructed waste water impoundment.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	50	50	50	50		50	50	50		
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	02N	CE	Add Liner to EXISTING Waste storage - Install a geomembrane or geoclay liner in an EXISTING constructed waste water impoundment.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	50	50	50	50		50	50	50		
462	Precision Land Forming	00N	AE	Land Forming - Reshape the surface of land to planned grades.	146	Classic gully erosion	30	50	30	30		30	30			
462	Precision Land Forming	00N	AE	Land Forming - Reshape the surface of land to planned grades.	147	Ephemeral gully erosion	30	50	30	30		30	30			
462	Precision Land Forming	00N	AE	Land Forming - Reshape the surface of land to planned grades.	183	Moisture Management	20	20	20	20		20	20	20		
462	Precision Land Forming	00N	AE	Land Forming - Reshape the surface of land to planned grades.	184	Ponding and flooding	30	30	30	30		30	30			
462	Precision Land Forming	00N	AE	Land Forming - Reshape the surface of land to planned grades.	186	Seeps	20	20	20	20	20	20	20	20	20	
462	Precision Land Forming	00N	AE	Land Forming - Reshape the surface of land to planned grades.	154	Sheet and rill erosion	10	10								
338	Prescribed Burning	00N	Graz Land Sp	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	222	Feed and forage balance		5				20		10	20	
338	Prescribed Burning	00N	Graz Land Sp	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	191	GHGs - carbon stock	30	30				30		30	30	
338	Prescribed Burning	00N	Graz Land Sp	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	218	Invasive species						40				
338	Prescribed Burning	00N	Graz Land Sp	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	199	Ozone - open burning	50	50		50	50			50	50	
338	Prescribed Burning	00N	Graz Land Sp	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	219	Plant pest pressure	5	5	10			40		20	30	
338	Prescribed Burning	00N	Graz Land Sp	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	214	Plant productivity and health	5	5	10			40		10	40	

338	Prescribed Burning	00N	<i>Graz Land Sp</i>	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	215	Plant structure and composition					40		15	30	
338	Prescribed Burning	00N	<i>Graz Land Sp</i>	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	208	PM - open burning	50	50		50	50		50	50	
338	Prescribed Burning	00N	<i>Graz Land Sp</i>	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	184	Ponding and flooding	5	5	5	5	5	5	5	5	
338	Prescribed Burning	00N	<i>Graz Land Sp</i>	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	189	Reactive nitrogen - open burning	50	50		50	50		50	50	
338	Prescribed Burning	00N	<i>Graz Land Sp</i>	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	154	Sheet and rill erosion	5				10	5	5	5	
338	Prescribed Burning	00N	<i>Graz Land Sp</i>	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	225	Terrestrial habitat for wildlife and invertebrates	30	5			30	30	30	30	
338	Prescribed Burning	00N	<i>Graz Land Sp</i>	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	216	Wildfire hazard from biomass accumulation	5	5			50		20	40	
338	Prescribed Burning	00N	<i>Graz Land Sp</i>	Prescribed Burning - Conduct a prescribed burn according to a prescribed burn plan in order to meet management objectives.	155	Wind erosion							5	5	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	148	Aggregate instability	10	10			10		40	50	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	220	Aquatic habitat for fish and other organisms	5	5			5		5	5	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	145	Bank erosion from streams, shorelines or water conveyance channels	25	25			25		25	25	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	149	Compaction	10	10			10		40	50	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	174	Concentrated nutrient and pathogen surface loss from domestic animals standing in surface water	25	25				25	25		
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	150	Concentration of salts or other chemicals	5	5			5		5	5	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	147	Ephemeral gully erosion							20		
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	182	Drought susceptibility					20		20	20	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	222	Feed and forage balance		5		5	15		40	30	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	191	GHGs - carbon stock	30	30			30		30	30	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	193	GHGs - grazing operations	50	50			50		50	50	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	224	Inadequate livestock water quantity, quality and distribution		5		5	5		5	5	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	218	Invasive species					10		20	20	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	183	Moisture Management	20	20	20	20	20	20	20	20	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	156	Nonpoint nitrogen leaching loss		15					15		
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	158	Nonpoint nitrogen surface loss		15					15		
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	160	Nonpoint pathogen loss to groundwater	50	50	50	50	50	50	50	50	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	161	Nonpoint pathogen surface loss	50	50	50	50	50	50	50	50	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	164	Nonpoint pesticide leaching loss	10	10	10	10	10	10	10	10	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	157	Nonpoint phosphorus leaching loss		15					15		
528	Prescribed Grazing	00N	<i>Graz Land Sp</i>	Prescribed Grazing - Manage the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic and management objectives.	159	Nonpoint phosphorus surface loss		15					15		









329	Residue and Tillage Management, No Till	01N	<i>Agron</i>	Strip-till - Minimize soil disturbance by limiting tillage to only in-row narrow tillage prior to planting and during planting and manage the amount, orientation and distribution of all residues to provide cover on the soil surface throughout the year.	210	PM - windblown dust		50										
329	Residue and Tillage Management, No Till	01N	<i>Agron</i>	Strip-till - Minimize soil disturbance by limiting tillage to only in-row narrow tillage prior to planting and during planting and manage the amount, orientation and distribution of all residues to provide cover on the soil surface throughout the year.	184	Ponding and flooding		5										
329	Residue and Tillage Management, No Till	01N	<i>Agron</i>	Strip-till - Minimize soil disturbance by limiting tillage to only in-row narrow tillage prior to planting and during planting and manage the amount, orientation and distribution of all residues to provide cover on the soil surface throughout the year.	163	Sediment from erosion		20										
329	Residue and Tillage Management, No Till	01N	<i>Agron</i>	Strip-till - Minimize soil disturbance by limiting tillage to only in-row narrow tillage prior to planting and during planting and manage the amount, orientation and distribution of all residues to provide cover on the soil surface throughout the year.	154	Sheet and rill erosion		15										
329	Residue and Tillage Management, No Till	01N	<i>Agron</i>	Strip-till - Minimize soil disturbance by limiting tillage to only in-row narrow tillage prior to planting and during planting and manage the amount, orientation and distribution of all residues to provide cover on the soil surface throughout the year.	152	Soil organism habitat loss or degradation		20										
329	Residue and Tillage Management, No Till	01N	<i>Agron</i>	Strip-till - Minimize soil disturbance by limiting tillage to only in-row narrow tillage prior to planting and during planting and manage the amount, orientation and distribution of all residues to provide cover on the soil surface throughout the year.	170	Surface water depletion		10										
329	Residue and Tillage Management, No Till	01N	<i>Agron</i>	Strip-till - Minimize soil disturbance by limiting tillage to only in-row narrow tillage prior to planting and during planting and manage the amount, orientation and distribution of all residues to provide cover on the soil surface throughout the year.	155	Wind erosion		25										
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	148	Aggregate instability		10										
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	149	Compaction		15										
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	150	Concentration of salts or other chemicals		5										
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	181	Drifted snow	5	5					5					
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	182	Drought susceptibility		25										
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	227	Energy efficiency of farming/ranching practices and field operations	10	10	10	10	10	10	10	10	10	10		
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	147	Ephemeral gully erosion		25										
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	191	GHGs - carbon stock		30										
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	168	Groundwater depletion	5	5					5					
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	169	Inefficient irrigation water use	10	10					10					
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	183	Moisture Management		25										
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	158	Nonpoint nitrogen surface loss	11	15	11	11			11	15				

345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	165	Nonpoint pesticide surface loss	30	30									
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	159	Nonpoint phosphorus surface loss	11	15	11	11		11	15				
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	151	Organic matter depletion		10									
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	205	PM - dust from field operations		50					50				
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	210	PM - windblown dust		30									
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	184	Ponding and flooding	5	5				5					
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	163	Sediment from erosion		20									
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	154	Sheet and rill erosion		15									
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	152	Soil organism habitat loss or degradation		10									
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	170	Surface water depletion	10	10				10					
345	Residue and Tillage Management, Reduced Till	00N	<i>Agron</i>	Reduced tillage - Minimize soil disturbance by reducing the number and type of yearly tillage operations to manage the amount, orientation and distribution of crop and plant residues.	155	Wind erosion		25									
643	Restoration of Rare or Declining Natural Communities	00N	<i>Wbio</i>	Restoration of Rare or Declining Communities - Reestablish abiotic (physical and chemical) and biotic (biological) conditions necessary to support rare or declining natural assemblages of native plants and animals in situations where it is not possible to meet target conditions solely through implementation of annual management actions such as prescribed burning, prescribed grazing, forest stand improvement, or pest management.	220	Aquatic habitat for fish and other organisms	40	40	40	40	40	40	40	40	40	40	50
643	Restoration of Rare or Declining Natural Communities	00N	<i>Wbio</i>	Restoration of Rare or Declining Communities - Reestablish abiotic (physical and chemical) and biotic (biological) conditions necessary to support rare or declining natural assemblages of native plants and animals in situations where it is not possible to meet target conditions solely through implementation of annual management actions such as prescribed burning, prescribed grazing, forest stand improvement, or pest management.	215	Plant structure and composition					5		5	5			
643	Restoration of Rare or Declining Natural Communities	00N	<i>Wbio</i>	Restoration of Rare or Declining Communities - Reestablish abiotic (physical and chemical) and biotic (biological) conditions necessary to support rare or declining natural assemblages of native plants and animals in situations where it is not possible to meet target conditions solely through implementation of annual management actions such as prescribed burning, prescribed grazing, forest stand improvement, or pest management.	163	Sediment from erosion					10				10		
643	Restoration of Rare or Declining Natural Communities	00N	<i>Wbio</i>	Restoration of Rare or Declining Communities - Reestablish abiotic (physical and chemical) and biotic (biological) conditions necessary to support rare or declining natural assemblages of native plants and animals in situations where it is not possible to meet target conditions solely through implementation of annual management actions such as prescribed burning, prescribed grazing, forest stand improvement, or pest management.	186	Seeps	10	10	10	10	10	10	10	10	10	10	
643	Restoration of Rare or Declining Natural Communities	00N	<i>Wbio</i>	Restoration of Rare or Declining Communities - Reestablish abiotic (physical and chemical) and biotic (biological) conditions necessary to support rare or declining natural assemblages of native plants and animals in situations where it is not possible to meet target conditions solely through implementation of annual management actions such as prescribed burning, prescribed grazing, forest stand improvement, or pest management.	154	Sheet and rill erosion	20		20		30				20		





390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	164	Nonpoint pesticide leaching loss	30	30	30	30	30	30	30	30			
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30			
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	157	Nonpoint phosphorus leaching loss	15	15	15	15	15	15	15	15			
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	159	Nonpoint phosphorus surface loss	20	25	10	10	10	10	20				
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	219	Plant pest pressure	5	5		5	5		5	5			
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	214	Plant productivity and health	5	5		5	10		5	10			
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	215	Plant structure and composition						5		5	10		
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	184	Ponding and flooding	5	5	5	5	5	5	5	5	5		
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	163	Sediment from erosion	40	20	20	20	30	40	30				

390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	154	Sheet and rill erosion	40	5	20	20	30	40					
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	170	Surface water depletion	10	10	10	10	10	10	10	10			
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	225	Terrestrial habitat for wildlife and invertebrates	20	20	20	20	20	20	20	20			
390	Riparian Herbaceous Cover	00N	Wbio	Basic Riparian Herbaceous Cover - Plant vegetation tolerant of intermittent flooding or saturated soils in the transitional zone between upland and aquatic areas to achieve one or more of the following purposes: maintain or improve water quality; increase water storage on floodplains; reduce erosion and improve stability to stream banks and shorelines; increase net carbon storage in the biomass and soil; dissipate stream energy and trap sediment; and enhance stream bank protection.	221	Water temperature effects on aquatic habitat	30	30	30	30	30	30	30	30			
390	Riparian Herbaceous Cover	01N	Wbio	Riparian Herbaceous Cover Designed for Fish and Wildlife - Restore, improve or maintain plant communities that are tolerant of intermittent flooding or saturated soils within the transitional zone between upland and aquatic habitats to achieve one or more of the following fish and wildlife habitat related purposes: provide or improve food and cover for fish and wildlife; establish and maintain habitat corridors; and enhance pollen, nectar and nesting habitat for pollinators.	220	Aquatic habitat for fish and other organisms	30	30	30	30	30	30	30	30	30		
390	Riparian Herbaceous Cover	01N	Wbio	Riparian Herbaceous Cover Designed for Fish and Wildlife - Restore, improve or maintain plant communities that are tolerant of intermittent flooding or saturated soils within the transitional zone between upland and aquatic habitats to achieve one or more of the following fish and wildlife habitat related purposes: provide or improve food and cover for fish and wildlife; establish and maintain habitat corridors; and enhance pollen, nectar and nesting habitat for pollinators.	158	Nonpoint nitrogen surface loss	20	25						20			
390	Riparian Herbaceous Cover	01N	Wbio	Riparian Herbaceous Cover Designed for Fish and Wildlife - Restore, improve or maintain plant communities that are tolerant of intermittent flooding or saturated soils within the transitional zone between upland and aquatic habitats to achieve one or more of the following fish and wildlife habitat related purposes: provide or improve food and cover for fish and wildlife; establish and maintain habitat corridors; and enhance pollen, nectar and nesting habitat for pollinators.	159	Nonpoint phosphorus surface loss	20	25						20			
390	Riparian Herbaceous Cover	01N	Wbio	Riparian Herbaceous Cover Designed for Fish and Wildlife - Restore, improve or maintain plant communities that are tolerant of intermittent flooding or saturated soils within the transitional zone between upland and aquatic habitats to achieve one or more of the following fish and wildlife habitat related purposes: provide or improve food and cover for fish and wildlife; establish and maintain habitat corridors; and enhance pollen, nectar and nesting habitat for pollinators.	225	Terrestrial habitat for wildlife and invertebrates	30	30	30	30	30	30	30	30	30		
390	Riparian Herbaceous Cover	01N	Wbio	Riparian Herbaceous Cover Designed for Fish and Wildlife - Restore, improve or maintain plant communities that are tolerant of intermittent flooding or saturated soils within the transitional zone between upland and aquatic habitats to achieve one or more of the following fish and wildlife habitat related purposes: provide or improve food and cover for fish and wildlife; establish and maintain habitat corridors; and enhance pollen, nectar and nesting habitat for pollinators.	221	Water temperature effects on aquatic habitat	30	30	30	30	30	30	30	30	30		
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	220	Aquatic habitat for fish and other organisms	10	10	10	10	10	10	10	10	10		
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	146	Classic gully erosion	50			50	50	50	50	50			
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	149	Compaction	30	30			30						

654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	181	Drifted snow	10	10	10	10	10	10	10	10	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	168	Groundwater depletion	5	5	5	5	5	5	5	5	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	183	Moisture Management	25	25	25	25	25	25	25	25	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	214	Plant productivity and health	10	10	10	10	10	10	10	10	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	215	Plant structure and composition					10			5	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	184	Ponding and flooding	25	25	25	25	25	25	25	25	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	185	Seasonal high water table	25	25	25	25	25	25	25	25	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	163	Sediment from erosion					50			50	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	154	Sheet and rill erosion					50			50	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	170	Surface water depletion	5	5	5	5	5	5	5	5	
654	Road/Trail/Landing Closure and Treatment	00N	For	Closure and Treatment - Close roads, trails and/or landings to meet conservation objectives.	225	Terrestrial habitat for wildlife and invertebrates	5	5	5	5	5	5	5	5	
555	Rock Wall Terrace	00N	AE	Rock Barrier - Construct a rock retaining wall across the slope to form and support a bench terrace that will control the flow of water and check erosion on sloping land.	146	Classic gully erosion		50			50				
555	Rock Wall Terrace	00N	AE	Rock Barrier - Construct a rock retaining wall across the slope to form and support a bench terrace that will control the flow of water and check erosion on sloping land.	183	Moisture Management	10	10	10	10	10	10	10	10	
555	Rock Wall Terrace	00N	AE	Rock Barrier - Construct a rock retaining wall across the slope to form and support a bench terrace that will control the flow of water and check erosion on sloping land.	184	Ponding and flooding	5	5	5	5	5	5	5	5	
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	146	Classic gully erosion	15	15	15	15		15	15		
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	15	15	15	15		15	15		
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	15	15	15	15		15	15		
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15		
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15		
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	168	Groundwater depletion	5	5	5	5	5	5	5	5	
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	224	Inadequate livestock water quantity, quality and distribution				5					
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	183	Moisture Management	15	15	15	15		15	15		
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	184	Ponding and flooding	15	15	15	15		15	15		
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	163	Sediment from erosion			20	20					
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	154	Sheet and rill erosion	15	15	15	15		15	15		
558	Roof Runoff Structure	00N	EE	Roof Gutter - Install a structure that will collect, control, and convey precipitation runoff from a roof.	170	Surface water depletion	5	5	5	5	5	5	5	5	
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	146	Classic gully erosion			20	20					
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	15		15	15		15	15		
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	15	15	15	15		15	15		

558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15			
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15			
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	168	Groundwater depletion	5	5	5	5	5	5	5	5		
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	224	Inadequate livestock water quantity, quality and distribution				5						
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	183	Moisture Management	20	20	20	20	20	20	20	20		
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	184	Ponding and flooding	15	15	15	15	15	15	15	15		
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	163	Sediment from erosion			20	20						
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	154	Sheet and rill erosion			25	25						
558	Roof Runoff Structure	01N	EE	Gutter and Storage - Install a structure that will collect, control, and convey precipitation runoff from a roof to storage for later use.	170	Surface water depletion	5	5	5	5	5	5	5	5		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	234	Concentrated agrichemical leaching loss from storage and handling of fertilizer and pesticides	25	25	25	25	25	25	25	25		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	235	Concentrated agrichemical runoff loss from storage and handling of fertilizer and pesticides	25	25	25	25	25	25	25	25		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	15	15	25	25			15	15		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	15	15	25	25			15	15		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	25	25			15	15		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	25	25			15	15		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	183	Moisture Management	15	15	15	15	15	15	15	15		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	212	Odor - confined animal activity				30						
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	178	Petroleum and other pollutant containment to groundwater	25	25	25	25	25	25	25	25		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	180	Petroleum and other pollutant containment to surface water	25	25	25	25	25	25	25	25		
367	Roofs and Covers	00N	EE	Rain Exclusion Cover - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure over a waste management facility, agrichemical handling facility, or an on-farm secondary containment facility to divert clean rainwater.	184	Ponding and flooding	10	10	10	10	10	10	10	10		
367	Roofs and Covers	01N	EE	Capture Biogas - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure placed over a waste management facility to capture biogas and reduce odor.	192	GHGs - confined animal activities				50						
367	Roofs and Covers	01N	EE	Capture Biogas - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure placed over a waste management facility to capture biogas and reduce odor.	212	Odor - confined animal activity				50						
367	Roofs and Covers	01N	EE	Capture Biogas - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure placed over a waste management facility to capture biogas and reduce odor.	198	Ozone - confined animal activities				10						
367	Roofs and Covers	01N	EE	Capture Biogas - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure placed over a waste management facility to capture biogas and reduce odor.	204	PM - confined animal activities				10						



604	Saturated Buffer	00N	WME	Subsurface distribution for buffers - Install a subsurface, perforated distribution pipe used to divert and spread drainage system discharge to a vegetated area to increase soil saturation, reduce nitrate loading from subsurface drain outlets and/or enhance or restore saturated soil conditions in riverine, lacustrine fringe, slope, or depression hydrogeomorphic landscape classes.	158	Nonpoint nitrogen surface loss	20	20							15		
604	Saturated Buffer	00N	WME	Subsurface distribution for buffers - Install a subsurface, perforated distribution pipe used to divert and spread drainage system discharge to a vegetated area to increase soil saturation, reduce nitrate loading from subsurface drain outlets and/or enhance or restore saturated soil conditions in riverine, lacustrine fringe, slope, or depression hydrogeomorphic landscape classes.	159	Nonpoint phosphorus surface loss	20	20							15		
604	Saturated Buffer	00N	WME	Subsurface distribution for buffers - Install a subsurface, perforated distribution pipe used to divert and spread drainage system discharge to a vegetated area to increase soil saturation, reduce nitrate loading from subsurface drain outlets and/or enhance or restore saturated soil conditions in riverine, lacustrine fringe, slope, or depression hydrogeomorphic landscape classes.	170	Surface water depletion	10	10	10	10	10	10	10	10	10	10	
350	Sediment Basin	00N	DE	Sediment Basin - Construct a basin with an engineered outlet, formed by constructing an embankment, excavating a dugout, or a combination of both.	146	Classic gully erosion	50	50	50	50	50	50	50	50	50	50	
350	Sediment Basin	00N	DE	Sediment Basin - Construct a basin with an engineered outlet, formed by constructing an embankment, excavating a dugout, or a combination of both.	169	Inefficient irrigation water use	5	5	5	5	5	5	5	5	5	5	
350	Sediment Basin	00N	DE	Sediment Basin - Construct a basin with an engineered outlet, formed by constructing an embankment, excavating a dugout, or a combination of both.	158	Nonpoint nitrogen surface loss	4	5	4	4	4	4	4	5			
350	Sediment Basin	00N	DE	Sediment Basin - Construct a basin with an engineered outlet, formed by constructing an embankment, excavating a dugout, or a combination of both.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30	30	
350	Sediment Basin	00N	DE	Sediment Basin - Construct a basin with an engineered outlet, formed by constructing an embankment, excavating a dugout, or a combination of both.	159	Nonpoint phosphorus surface loss	4	5	4	4	4	4	4	5			
350	Sediment Basin	00N	DE	Sediment Basin - Construct a basin with an engineered outlet, formed by constructing an embankment, excavating a dugout, or a combination of both.	163	Sediment from erosion	15	15	15	15	15	15	15	15	15	15	
646	Shallow Water Development and Management	00N	Wbio	Shallow Water Habitat - Inundate lands to provide habitat for fish and / or wildlife to provide habitat for wildlife such as shorebirds, waterfowl, wading birds, mammals, fish, reptiles, amphibians and other species that require shallow water for at least a part of their life cycle. Implementation is on lands where water can be impounded or regulated by diking, excavating, ditching and /or flooding and on floodplain areas that provide refuge habitats for native fish during high flow periods.	220	Aquatic habitat for fish and other organisms	40	40	40	40	40	40	40	40	40	40	40
646	Shallow Water Development and Management	00N	Wbio	Shallow Water Habitat - Inundate lands to provide habitat for fish and / or wildlife to provide habitat for wildlife such as shorebirds, waterfowl, wading birds, mammals, fish, reptiles, amphibians and other species that require shallow water for at least a part of their life cycle. Implementation is on lands where water can be impounded or regulated by diking, excavating, ditching and /or flooding and on floodplain areas that provide refuge habitats for native fish during high flow periods.	225	Terrestrial habitat for wildlife and invertebrates	40	40	40	40	10	40	40	40			
318	Short Term Storage of Animal Waste and By-products	00N	EE	Short Term Storage - Use temporary, nonstructural measures to store solid or semisolid organic agricultural waste or manure (stackable livestock and poultry manure, bedding, litter, spilled feed, or soil mixed with manure) on a short-term basis between collection and utilization.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25			25	25	25		
318	Short Term Storage of Animal Waste and By-products	00N	EE	Short Term Storage - Use temporary, nonstructural measures to store solid or semisolid organic agricultural waste or manure (stackable livestock and poultry manure, bedding, litter, spilled feed, or soil mixed with manure) on a short-term basis between collection and utilization.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25			25	25	25		
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	148	Aggregate instability									10	10	
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	149	Compaction									10	10	
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	182	Drought susceptibility						10		10			
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	222	Feed and forage balance						30		30			
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	191	GHGs - carbon stock	30	30				30		30			
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	168	Groundwater depletion	10	10	10	10	10	10	10	10	10	10	
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	223	Inadequate livestock shelter						20		20	20		
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	183	Moisture Management						10		10			

381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	164	Nonpoint pesticide leaching loss	20	20	20	20	20	20	20	20				
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30			
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	151	Organic matter depletion								20	20			
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	214	Plant productivity and health						20			20			
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	215	Plant structure and composition						10			10			
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	184	Ponding and flooding	5	5	5	5	5	5	5	5	5			
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	185	Seasonal high water table	5	5	5	5	5	5	5	5	5			
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	152	Soil organism habitat loss or degradation									20	20		
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	170	Surface water depletion	10	10	10	10	10	10	10	10	10	10		
381	Silvopasture	00N	For	Canopy Treatment – Manage existing tree canopy and forage resources for livestock.	155	Wind erosion						50			50			
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	148	Aggregate instability									10	10		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	149	Compaction									10	10		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	182	Drought susceptibility						10			10			
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	222	Feed and forage balance						30			30			
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	191	GHGs - carbon stock	30	30				30			30			
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	168	Groundwater depletion	10	10	10	10	10	10	10	10	10	10		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	223	Inadequate livestock shelter						30			30	30		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	183	Moisture Management						10			10			
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	164	Nonpoint pesticide leaching loss	10	10	10	10	10	10	10	10	10	10		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30	30		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	151	Organic matter depletion									20	20		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	214	Plant productivity and health						20			20			
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	215	Plant structure and composition						10			10			
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	184	Ponding and flooding	5	5	5	5	5	5	5	5	5	5		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	185	Seasonal high water table	5	5	5	5	5	5	5	5	5	5		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	152	Soil organism habitat loss or degradation									20	20		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	170	Surface water depletion	10	10	10	10	10	10	10	10	10	10		
381	Silvopasture	01N	For	Establishment – Establish desired woody plant species and forage resources for livestock.	155	Wind erosion						50			50			
808	Soil Carbon Amendment	00N	SHS	Soil Biology - Apply compost, biochar or other organic carbon amendment at low rates improve soil organism habitat and plant productivity and health	148	Aggregate instability	10	10	10	10	10	10	10	10	10	10		
808	Soil Carbon Amendment	00N	SHS	Soil Biology - Apply compost, biochar or other organic carbon amendment at low rates improve soil organism habitat and plant productivity and health	149	Compaction	5	5	5	5	5	5	5	5	5	5		
808	Soil Carbon Amendment	00N	SHS	Soil Biology - Apply compost, biochar or other organic carbon amendment at low rates improve soil organism habitat and plant productivity and health	150	Concentration of salts or other chemicals		15										
808	Soil Carbon Amendment	00N	SHS	Soil Biology - Apply compost, biochar or other organic carbon amendment at low rates improve soil organism habitat and plant productivity and health	151	Organic matter depletion	10	10	10	10	10	10	10	10	10	10		
808	Soil Carbon Amendment	00N	SHS	Soil Biology - Apply compost, biochar or other organic carbon amendment at low rates improve soil organism habitat and plant productivity and health	214	Plant productivity and health		5										
808	Soil Carbon Amendment	00N	SHS	Soil Biology - Apply compost, biochar or other organic carbon amendment at low rates improve soil organism habitat and plant productivity and health	152	Soil organism habitat loss or degradation	10	10	10	10	10	10	10	10	10	10		
808	Soil Carbon Amendment	01N	SHS	Organic Matter - Apply compost, biochar or other organic carbon amendment at moderate rates to improve soil organic matter, aggregation and soil organism habitat	148	Aggregate instability	15	15	15	15	15	15	15	15	15	15		
808	Soil Carbon Amendment	01N	SHS	Organic Matter - Apply compost, biochar or other organic carbon amendment at moderate rates to improve soil organic matter, aggregation and soil organism habitat	149	Compaction	10	10	10	10	10	10	10	10	10	10		
808	Soil Carbon Amendment	01N	SHS	Organic Matter - Apply compost, biochar or other organic carbon amendment at moderate rates to improve soil organic matter, aggregation and soil organism habitat	150	Concentration of salts or other chemicals		15										
808	Soil Carbon Amendment	01N	SHS	Organic Matter - Apply compost, biochar or other organic carbon amendment at moderate rates to improve soil organic matter, aggregation and soil organism habitat	191	GHGs - carbon stock	50	50				50			50	50		
808	Soil Carbon Amendment	01N	SHS	Organic Matter - Apply compost, biochar or other organic carbon amendment at moderate rates to improve soil organic matter, aggregation and soil organism habitat	169	Inefficient irrigation water use		5							5			
808	Soil Carbon Amendment	01N	SHS	Organic Matter - Apply compost, biochar or other organic carbon amendment at moderate rates to improve soil organic matter, aggregation and soil organism habitat	183	Moisture Management		5							5			

808	Soil Carbon Amendment	01N	SHS	Organic Matter - Apply compost, biochar or other organic carbon amendment at moderate rates to improve soil organic matter, aggregation and soil organism habitat	151	Organic matter depletion	15	15	15	15	15	15	15	15	15		
808	Soil Carbon Amendment	01N	SHS	Organic Matter - Apply compost, biochar or other organic carbon amendment at moderate rates to improve soil organic matter, aggregation and soil organism habitat	214	Plant productivity and health		5									
808	Soil Carbon Amendment	01N	SHS	Organic Matter - Apply compost, biochar or other organic carbon amendment at moderate rates to improve soil organic matter, aggregation and soil organism habitat	152	Soil organism habitat loss or degradation	15	15	15	15	15	15	15	15	15		
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	148	Aggregate instability	10	10	10	10			10				
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	149	Compaction	5	5	5	5			5				
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	150	Concentration of salts or other chemicals		15									
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	191	GHGs - carbon stock		50									
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	151	Organic matter depletion	10	10	10	10			10				
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	199	Ozone - open burning		50									
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	214	Plant productivity and health		5									
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	208	PM - open burning		50									
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	189	Reactive nitrogen - open burning		50									
808	Soil Carbon Amendment	02N	SHS	Orchard Recycling - Grind or chip whole trees during orchard renovation and incorporate chips into the soil prior to replanting.	152	Soil organism habitat loss or degradation	10	10	10	10			10				
808	Soil Testing	00N	SHS	Soil Health Test - Collect and send soil samples for laboratory analysis using standardized methods. Test soil for physical, chemical, and biological soil health indicators.													
572	Spoil Disposal	00N	AE	Spoil Spreading - Dispose of surplus excavated materials.	184	Ponding and flooding	5	5	5	5	5	5	5	5	5	5	
574	Spring Development	00N	WME	Water source development - Collect and use water from springs or seeps to provide water for livestock and wildlife.	174	Concentrated nutrient and pathogen surface loss from domestic animals standing in surface water	25	25					25	25			
574	Spring Development	00N	WME	Water source development - Collect and use water from springs or seeps to provide water for livestock and wildlife.	168	Groundwater depletion	5	5	5	5	5	5	5	5	5	5	
574	Spring Development	00N	WME	Water source development - Collect and use water from springs or seeps to provide water for livestock and wildlife.	224	Inadequate livestock water quantity, quality and distribution		5		5	5			10	10		
574	Spring Development	00N	WME	Water source development - Collect and use water from springs or seeps to provide water for livestock and wildlife.	183	Moisture Management	10	10	10	10	10	10	10	10	10	10	
574	Spring Development	00N	WME	Water source development - Collect and use water from springs or seeps to provide water for livestock and wildlife.	186	Seeps	20	20	20	20	20	20	20	20	20	20	
574	Spring Development	00N	WME	Water source development - Collect and use water from springs or seeps to provide water for livestock and wildlife.	170	Surface water depletion	5	5	5	5	5	5	5	5	5		
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	226	Energy efficiency of equipment and facilities	5	5	5	5	5	5	5	5	5	5	5
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	168	Groundwater depletion	20	20	20	20			20	20			
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	169	Inefficient irrigation water use	30	30	30	30			30	30			
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	183	Moisture Management	15	15	15	15			15	15			
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	158	Nonpoint nitrogen surface loss	15	15	15	15	15	15	15	15	15		
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	161	Nonpoint pathogen surface loss	15	15	15	15	15	15	15	15	15	15	
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	164	Nonpoint pesticide leaching loss	30	30	30	30	30	30	30	30	30		
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30		
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	159	Nonpoint phosphorus surface loss	15	15	15	15	15	15	15	15	15		
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	214	Plant productivity and health	10	10		10				10			
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	204	PM - confined animal activities				50							
442	Sprinkler System	00N	WME	Sprinkler System - Install a distribution system that applies water by means of nozzles operated under pressure to accomplish efficient and uniform application of water on irrigated lands.	210	PM - windblown dust	50	50		50				50			





606	Subsurface Drain	00N	WME	Subsurface drain - Install a conduit beneath the ground surface to collect and convey excess water to remove or distribute excessive soil water, remove salts and other contaminants from the soil profile, or mitigate degraded plant condition, undesirable plant productivity, and health due to saturated soil, or ponding, and flooding.	149	Compaction	5	5	5	5	5	5	5		
606	Subsurface Drain	00N	WME	Subsurface drain - Install a conduit beneath the ground surface to collect and convey excess water to remove or distribute excessive soil water, remove salts and other contaminants from the soil profile, or mitigate degraded plant condition, undesirable plant productivity, and health due to saturated soil, or ponding, and flooding.	164	Nonpoint pesticide leaching loss	30	30	30	30	30	30	30	30	
606	Subsurface Drain	00N	WME	Subsurface drain - Install a conduit beneath the ground surface to collect and convey excess water to remove or distribute excessive soil water, remove salts and other contaminants from the soil profile, or mitigate degraded plant condition, undesirable plant productivity, and health due to saturated soil, or ponding, and flooding.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	
606	Subsurface Drain	00N	WME	Subsurface drain - Install a conduit beneath the ground surface to collect and convey excess water to remove or distribute excessive soil water, remove salts and other contaminants from the soil profile, or mitigate degraded plant condition, undesirable plant productivity, and health due to saturated soil, or ponding, and flooding.	184	Ponding and flooding	50	50	50	50	50	50	50	50	
606	Subsurface Drain	00N	WME	Subsurface drain - Install a conduit beneath the ground surface to collect and convey excess water to remove or distribute excessive soil water, remove salts and other contaminants from the soil profile, or mitigate degraded plant condition, undesirable plant productivity, and health due to saturated soil, or ponding, and flooding.	166	Salt loss to groundwater		35						35	
606	Subsurface Drain	00N	WME	Subsurface drain - Install a conduit beneath the ground surface to collect and convey excess water to remove or distribute excessive soil water, remove salts and other contaminants from the soil profile, or mitigate degraded plant condition, undesirable plant productivity, and health due to saturated soil, or ponding, and flooding.	185	Seasonal high water table	50	50	50	50	50	50	50	50	
606	Subsurface Drain	00N	WME	Subsurface drain - Install a conduit beneath the ground surface to collect and convey excess water to remove or distribute excessive soil water, remove salts and other contaminants from the soil profile, or mitigate degraded plant condition, undesirable plant productivity, and health due to saturated soil, or ponding, and flooding.	186	Seeps	50	50	50	50	50	50	50	50	
607	Surface Drain, Field Ditch	00N	WME	Field ditch - Install a graded channel on the field surface for the interception of excess surface and shallow subsurface water from a field and conveyance to a surface main or lateral; or for the purpose of collecting excess irrigation water for a tailwater recovery system.	168	Groundwater depletion		5							
607	Surface Drain, Field Ditch	00N	WME	Field ditch - Install a graded channel on the field surface for the interception of excess surface and shallow subsurface water from a field and conveyance to a surface main or lateral; or for the purpose of collecting excess irrigation water for a tailwater recovery system.	184	Ponding and flooding	50	50	50	50	50	50	50	50	
607	Surface Drain, Field Ditch	00N	WME	Field ditch - Install a graded channel on the field surface for the interception of excess surface and shallow subsurface water from a field and conveyance to a surface main or lateral; or for the purpose of collecting excess irrigation water for a tailwater recovery system.	185	Seasonal high water table	30	30	30	30	30	30	30	30	
607	Surface Drain, Field Ditch	00N	WME	Field ditch - Install a graded channel on the field surface for the interception of excess surface and shallow subsurface water from a field and conveyance to a surface main or lateral; or for the purpose of collecting excess irrigation water for a tailwater recovery system.	186	Seeps	20	20	20	20	20	20	20	20	
607	Surface Drain, Field Ditch	00N	WME	Field ditch - Install a graded channel on the field surface for the interception of excess surface and shallow subsurface water from a field and conveyance to a surface main or lateral; or for the purpose of collecting excess irrigation water for a tailwater recovery system.	170	Surface water depletion		5							
608	Surface Drain, Main or Lateral	00N	WME	Main or lateral - Install an open drainage ditch for moving the excess water collected by a field ditch or subsurface drain to a safe outlet.	168	Groundwater depletion		5							
608	Surface Drain, Main or Lateral	00N	WME	Main or lateral - Install an open drainage ditch for moving the excess water collected by a field ditch or subsurface drain to a safe outlet.	184	Ponding and flooding	50	50	50	50	50	50	50	50	
608	Surface Drain, Main or Lateral	00N	WME	Main or lateral - Install an open drainage ditch for moving the excess water collected by a field ditch or subsurface drain to a safe outlet.	166	Salt loss to groundwater		5							
608	Surface Drain, Main or Lateral	00N	WME	Main or lateral - Install an open drainage ditch for moving the excess water collected by a field ditch or subsurface drain to a safe outlet.	185	Seasonal high water table	30	30	30	30	30	30	30	30	
608	Surface Drain, Main or Lateral	00N	WME	Main or lateral - Install an open drainage ditch for moving the excess water collected by a field ditch or subsurface drain to a safe outlet.	186	Seeps	20	20	20	20	20	20	20	20	
608	Surface Drain, Main or Lateral	00N	WME	Main or lateral - Install an open drainage ditch for moving the excess water collected by a field ditch or subsurface drain to a safe outlet.	170	Surface water depletion		5							
609	Surface Roughening	00N	Agro	Wind Erosion - Perform tillage operations that create random surface roughness if there is a high potential for wind erosion due to lack of surface cover.	214	Plant productivity and health		5							

609	Surface Roughening	00N	<i>Agron</i>	Wind Erosion - Perform tillage operations that create random surface roughness if there is a high potential for wind erosion due to lack of surface cover.	210	PM - windblown dust		15										
609	Surface Roughening	00N	<i>Agron</i>	Wind Erosion - Perform tillage operations that create random surface roughness if there is a high potential for wind erosion due to lack of surface cover.	155	Wind erosion		5										
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	146	Classic gully erosion		50					50					
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	182	Drought susceptibility		20										
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	147	Ephemeral gully erosion		50										
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	168	Groundwater depletion	5	5	5	5			5	5	5			
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	183	Moisture Management	20	20	20	20			20	20	20			
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	158	Nonpoint nitrogen surface loss	4	5	4	4	4	4	4	5				
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30			
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	159	Nonpoint phosphorus surface loss	4	15	4	4	4	4	4	15				
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	184	Ponding and flooding	10	10	10	10			10	10	10			
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	163	Sediment from erosion		15										
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	154	Sheet and rill erosion		15										
600	Terrace	00N	<i>AE</i>	Terrace - Construct an earth embankment, or a combination ridge and channel, across the field slope.	170	Surface water depletion	5	5	5	5			5	5	5			
575	Trails and Walkways	00N	<i>AE</i>	Trail or Walkway - Construct a trail with a vegetated or earthen surface or a walkway with an artificial surface to facilitate the movement of animals, people, or off-road vehicles.	220	Aquatic habitat for fish and other organisms	5	5	5	5	5	5	5	5	5			
575	Trails and Walkways	00N	<i>AE</i>	Trail or Walkway - Construct a trail with a vegetated or earthen surface or a walkway with an artificial surface to facilitate the movement of animals, people, or off-road vehicles.	146	Classic gully erosion	10	10	10	10	10	10	10	10	10			
575	Trails and Walkways	00N	<i>AE</i>	Trail or Walkway - Construct a trail with a vegetated or earthen surface or a walkway with an artificial surface to facilitate the movement of animals, people, or off-road vehicles.	147	Ephemeral gully erosion								10				
575	Trails and Walkways	00N	<i>AE</i>	Trail or Walkway - Construct a trail with a vegetated or earthen surface or a walkway with an artificial surface to facilitate the movement of animals, people, or off-road vehicles.	222	Feed and forage balance				5	5		5	5				
575	Trails and Walkways	00N	<i>AE</i>	Trail or Walkway - Construct a trail with a vegetated or earthen surface or a walkway with an artificial surface to facilitate the movement of animals, people, or off-road vehicles.	223	Inadequate livestock shelter	5	5		5	5		5	5				
575	Trails and Walkways	00N	<i>AE</i>	Trail or Walkway - Construct a trail with a vegetated or earthen surface or a walkway with an artificial surface to facilitate the movement of animals, people, or off-road vehicles.	224	Inadequate livestock water quantity, quality and distribution		5		5	5		5	5				
575	Trails and Walkways	00N	<i>AE</i>	Trail or Walkway - Construct a trail with a vegetated or earthen surface or a walkway with an artificial surface to facilitate the movement of animals, people, or off-road vehicles.	186	Seeps	5	5	5	5	5	5	5	5	5			
575	Trails and Walkways	00N	<i>AE</i>	Trail or Walkway - Construct a trail with a vegetated or earthen surface or a walkway with an artificial surface to facilitate the movement of animals, people, or off-road vehicles.	154	Sheet and rill erosion	5	5	5	5	5	5	5	5	5			
575	Trails and Walkways	00N	<i>AE</i>	Trail or Walkway - Construct a trail with a vegetated or earthen surface or a walkway with an artificial surface to facilitate the movement of animals, people, or off-road vehicles.	225	Terrestrial habitat for wildlife and invertebrates	5	5	5	5	5	5	5	5	5			
612	Tree/Shrub Establishment	00N	<i>For</i>	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	148	Aggregate instability	5	5	5	5	50	5	5	5				
612	Tree/Shrub Establishment	00N	<i>For</i>	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	220	Aquatic habitat for fish and other organisms	10	10	10	10	10	10	10	10	10			
612	Tree/Shrub Establishment	00N	<i>For</i>	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	145	Bank erosion from streams, shorelines or water conveyance channels		25										
612	Tree/Shrub Establishment	00N	<i>For</i>	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	149	Compaction	5	5	5	5	50	5	5	5				

612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	181	Drifted snow	50	50	50	50	50	50	50	50	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	226	Energy efficiency of equipment and facilities	1	1	1	1	1	1	1	1	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	191	GHGs - carbon stock	70	70			70		70	70	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	168	Groundwater depletion	30	30	30	30	30	30	30	30	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	223	Inadequate livestock shelter	20	20			20		20	20	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	218	Invasive species					20				
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	183	Moisture Management	30	30	30	30	30	30	30	30	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	158	Nonpoint nitrogen surface loss	10	10	10	10	10	10	10		
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	233	Nonpoint pesticide drift to surface water	30	30	30	30	30	30	30	30	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	164	Nonpoint pesticide leaching loss	30	30	30	30	30	30	30	30	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	159	Nonpoint phosphorus surface loss	10	10	10	10	10	10	10		
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	151	Organic matter depletion	5	5	5	5	50	5	5	5	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	219	Plant pest pressure	5	5	20	20	20		5	5	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	214	Plant productivity and health	20	5	20	20	30	20	5	5	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	215	Plant structure and composition					40		5	5	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	184	Ponding and flooding	10	10	10	10	10	10	10	10	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	185	Seasonal high water table	10	10	10	10	10	10	10	10	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	163	Sediment from erosion	15	15	15	15	15	15	15	15	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	154	Sheet and rill erosion	25	25	25		30	25	25	25	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	152	Soil organism habitat loss or degradation	5	5	5	5	50	5	5	5	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	170	Surface water depletion	30	30	30	30	30	30	30	30	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	225	Terrestrial habitat for wildlife and invertebrates	40	40	40	40	40	40	40	40	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	221	Water temperature effects on aquatic habitat	10	10	10	10	10	10	10	10	
612	Tree/Shrub Establishment	00N	For	Natural Regeneration – Establish, restore or enhance woody plant communities through natural regeneration methods.	155	Wind erosion					40				
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	148	Aggregate instability	5	5	5	5	50	5	5	5	
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	220	Aquatic habitat for fish and other organisms	10	10	10	10	10	10	10	10	10
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	145	Bank erosion from streams, shorelines or water conveyance channels		25							
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	149	Compaction	5	5	5	5	50	5	5	5	
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	181	Drifted snow	50	50	50	50	50	50	50	50	
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	226	Energy efficiency of equipment and facilities	1	1	1	1	1	1	1	1	
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	191	GHGs - carbon stock	70	70			70		70	70	

612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	168	Groundwater depletion	30	30	30	30	30	30	30	30				
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	223	Inadequate livestock shelter	20	20				20			20	20		
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	218	Invasive species						20						
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	183	Moisture Management	30	30	30	30	30	30	30	30	30			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	158	Nonpoint nitrogen surface loss	2	5	2	2	2	2	2	2	2			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	233	Nonpoint pesticide drift to surface water	30	30	30	30	30	30	30	30	30			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	164	Nonpoint pesticide leaching loss	30	30	30	30	30	30	30	30	30			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	159	Nonpoint phosphorus surface loss	2	5	2	2	2	2	2	2	2			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	151	Organic matter depletion	5	5	5	5	50	5	5	5	5			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	219	Plant pest pressure	5	5	20	20	20				5	5		
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	214	Plant productivity and health	20	5	20	20	40	20			5	5		
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	215	Plant structure and composition						30			5	5		
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	184	Ponding and flooding	10	10	10	10	10	10	10	10	10			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	185	Seasonal high water table	10	10	10	10	10	10	10	10	10			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	163	Sediment from erosion	15	15	15	15	15	15	15	15	15			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	154	Sheet and rill erosion	25	25	25			50	25	25	25			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	152	Soil organism habitat loss or degradation	5	5	5	5	50	5	5	5	5			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	170	Surface water depletion	30	30	30	30	30	30	30	30	30			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	225	Terrestrial habitat for wildlife and invertebrates	40	40	40	40	40	40	40	40	40			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	221	Water temperature effects on aquatic habitat	10	10	10	10	10	10	10	10	10			
612	Tree/Shrub Establishment	01N	For	Artificial Regeneration – Establish, restore or enhance woody plant communities using hand tools or equipment.	155	Wind erosion						40						
660	Tree/Shrub Pruning	00N	For	Above Ground – Remove branches and leaders to meet conservation objectives.	219	Plant pest pressure	5	5				10			5	5		
660	Tree/Shrub Pruning	00N	For	Above Ground – Remove branches and leaders to meet conservation objectives.	214	Plant productivity and health	5	10			5	20			5	5		
660	Tree/Shrub Pruning	00N	For	Above Ground – Remove branches and leaders to meet conservation objectives.	215	Plant structure and composition						20			5	5		
660	Tree/Shrub Pruning	00N	For	Above Ground – Remove branches and leaders to meet conservation objectives.	216	Wildfire hazard from biomass accumulation	5	5			5	20			5	5		
660	Tree/Shrub Pruning	01N	For	Below Ground – Treat roots to meet conservation objectives.	219	Plant pest pressure	5	5				20			5	5		
660	Tree/Shrub Pruning	01N	For	Below Ground – Treat roots to meet conservation objectives.	214	Plant productivity and health	5	5			5	10			5	5		
660	Tree/Shrub Pruning	01N	For	Below Ground – Treat roots to meet conservation objectives.	215	Plant structure and composition						5			5	5		
660	Tree/Shrub Pruning	01N	For	Below Ground – Treat roots to meet conservation objectives.	216	Wildfire hazard from biomass accumulation	5	5			5	5			5	5		
490	Tree/Shrub Site Preparation	00N	For	Site Preparation – Treat area to support establishment of woody plant species.	149	Compaction	10	15	15	15	30	15	15	15				
490	Tree/Shrub Site Preparation	00N	For	Site Preparation – Treat area to support establishment of woody plant species.	218	Invasive species	10			10	10	10						
490	Tree/Shrub Site Preparation	00N	For	Site Preparation – Treat area to support establishment of woody plant species.	183	Moisture Management	5	5	5	5	5	5	5	5	5			
490	Tree/Shrub Site Preparation	00N	For	Site Preparation – Treat area to support establishment of woody plant species.	219	Plant pest pressure	25	25			25	30			25	25		
490	Tree/Shrub Site Preparation	00N	For	Site Preparation – Treat area to support establishment of woody plant species.	214	Plant productivity and health	5	5	5	5	20	5			5	5		
490	Tree/Shrub Site Preparation	00N	For	Site Preparation – Treat area to support establishment of woody plant species.	215	Plant structure and composition						10			5	5		

490	Tree/Shrub Site Preparation	00N	For	Site Preparation – Treat area to support establishment of woody plant species.	184	Ponding and flooding	5	5	5	5	5	5	5	5	5	
490	Tree/Shrub Site Preparation	00N	For	Site Preparation – Treat area to support establishment of woody plant species.	185	Seasonal high water table	5	5	5	5	5	5	5	5	5	
490	Tree/Shrub Site Preparation	00N	For	Site Preparation – Treat area to support establishment of woody plant species.	216	Wildfire hazard from biomass accumulation	5	5		5	5		5	5		
620	Underground Outlet	00N	AE	Underground Outlet - Install a conduit or system of conduits beneath the surface of the ground to convey surface water to a suitable outlet.	168	Groundwater depletion	5	5	5	5	5	5	5	5	5	
620	Underground Outlet	00N	AE	Underground Outlet - Install a conduit or system of conduits beneath the surface of the ground to convey surface water to a suitable outlet.	184	Ponding and flooding	30	30	30	30	30	30	30	30	30	
620	Underground Outlet	00N	AE	Underground Outlet - Install a conduit or system of conduits beneath the surface of the ground to convey surface water to a suitable outlet.	185	Seasonal high water table	30	30	30	30	30	30	30	30	30	
620	Underground Outlet	00N	AE	Underground Outlet - Install a conduit or system of conduits beneath the surface of the ground to convey surface water to a suitable outlet.	186	Seeps	30	30	30	30	30	30	30	30	30	
620	Underground Outlet	00N	AE	Underground Outlet - Install a conduit or system of conduits beneath the surface of the ground to convey surface water to a suitable outlet.	170	Surface water depletion	5	5	5	5	5	5	5	5	5	
645	Upland Wildlife Habitat Management	00N	Wbio	Upland Wildlife Habitat Management; Low - Enable movement and / or provide food and cover to sustain wildlife that inhabit uplands. Application of this practice will meet wildlife habitat planning criteria (habitat evaluation score of at least 0.5).	214	Plant productivity and health	15					15				
645	Upland Wildlife Habitat Management	00N	Wbio	Upland Wildlife Habitat Management; Low - Enable movement and / or provide food and cover to sustain wildlife that inhabit uplands. Application of this practice will meet wildlife habitat planning criteria (habitat evaluation score of at least 0.5).	215	Plant structure and composition						15				
645	Upland Wildlife Habitat Management	00N	Wbio	Upland Wildlife Habitat Management; Low - Enable movement and / or provide food and cover to sustain wildlife that inhabit uplands. Application of this practice will meet wildlife habitat planning criteria (habitat evaluation score of at least 0.5).	225	Terrestrial habitat for wildlife and invertebrates	20	20	20	20	20	20	20	20	20	
645	Upland Wildlife Habitat Management	01N	Wbio	Upland Wildlife Habitat Management; High - Enable movement and / or provide food and cover to sustain wildlife that inhabit uplands. Application of this practice will exceed and improve upon minimum planning criteria for wildlife habitat (wildlife habitat evaluation score of at least 0.5); improvement is required even if wildlife habitat evaluation score already exceeds 0.5.	225	Terrestrial habitat for wildlife and invertebrates	40	40	40	40	40	40	40	40	40	
635	Vegetated Treatment Area	00N	EE	Vegetated Treatment Area - Establish and maintain an area of permanent vegetation for agricultural wastewater treatment.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25		
635	Vegetated Treatment Area	00N	EE	Vegetated Treatment Area - Establish and maintain an area of permanent vegetation for agricultural wastewater treatment.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25		
635	Vegetated Treatment Area	00N	EE	Vegetated Treatment Area - Establish and maintain an area of permanent vegetation for agricultural wastewater treatment.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25		
635	Vegetated Treatment Area	00N	EE	Vegetated Treatment Area - Establish and maintain an area of permanent vegetation for agricultural wastewater treatment.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25		
635	Vegetated Treatment Area	00N	EE	Vegetated Treatment Area - Establish and maintain an area of permanent vegetation for agricultural wastewater treatment.	160	Nonpoint pathogen loss to groundwater	50	50	50	50	50	50	50	50	50	
635	Vegetated Treatment Area	00N	EE	Vegetated Treatment Area - Establish and maintain an area of permanent vegetation for agricultural wastewater treatment.	161	Nonpoint pathogen surface loss'	50	50	50	50	50	50	50	50	50	
601	Vegetative Barrier	00N	Agron	Seeded or Planted Vegetation - Establish permanent strips of stiff, dense vegetation along the general contour of slopes or across concentrated flow areas to reduce sheet and rill erosion and trap sediment.	147	Ephemeral gully erosion		10								
601	Vegetative Barrier	00N	Agron	Seeded or Planted Vegetation - Establish permanent strips of stiff, dense vegetation along the general contour of slopes or across concentrated flow areas to reduce sheet and rill erosion and trap sediment.	158	Nonpoint nitrogen surface loss	5	5	5	5	5	5	5	5	5	
601	Vegetative Barrier	00N	Agron	Seeded or Planted Vegetation - Establish permanent strips of stiff, dense vegetation along the general contour of slopes or across concentrated flow areas to reduce sheet and rill erosion and trap sediment.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30	30	
601	Vegetative Barrier	00N	Agron	Seeded or Planted Vegetation - Establish permanent strips of stiff, dense vegetation along the general contour of slopes or across concentrated flow areas to reduce sheet and rill erosion and trap sediment.	159	Nonpoint phosphorus surface loss	5	5	5	5	5	5	5	5	5	
601	Vegetative Barrier	00N	Agron	Seeded or Planted Vegetation - Establish permanent strips of stiff, dense vegetation along the general contour of slopes or across concentrated flow areas to reduce sheet and rill erosion and trap sediment.	163	Sediment from erosion	30	20	40	40	30	30				
601	Vegetative Barrier	00N	Agron	Seeded or Planted Vegetation - Establish permanent strips of stiff, dense vegetation along the general contour of slopes or across concentrated flow areas to reduce sheet and rill erosion and trap sediment.	154	Sheet and rill erosion	30	10	40	40	30	30				

630	Vertical Drain	00N	EG	Vertical Drain - Install a well, pipe or pit or bore in porous underground strata in which drainage water can be discharged without contaminating groundwater resources.	184	Ponding and flooding	50	50	50	50	50	50	50	50	
630	Vertical Drain	00N	EG	Vertical Drain - Install a well, pipe or pit or bore in porous underground strata in which drainage water can be discharged without contaminating groundwater resources.	185	Seasonal high water table	50	50	50	50	50	50	50	50	
360	Waste Facility Closure	00N	EE	Waste Facility Closure - Decommission a facility where agricultural waste has been treated or stored, and is no longer used for the intended purpose.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25	
360	Waste Facility Closure	00N	EE	Waste Facility Closure - Decommission a facility where agricultural waste has been treated or stored, and is no longer used for the intended purpose.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25	
360	Waste Facility Closure	00N	EE	Waste Facility Closure - Decommission a facility where agricultural waste has been treated or stored, and is no longer used for the intended purpose.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	
360	Waste Facility Closure	00N	EE	Waste Facility Closure - Decommission a facility where agricultural waste has been treated or stored, and is no longer used for the intended purpose.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	
735	Waste Gasification Facility	00N	EE	Gasification - Provide treatment of manure, process wastewater, storm water runoff from lots or other high intensity areas, and other wastes, with chemical or biological additives.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25		
735	Waste Gasification Facility	00N	EE	Gasification - Provide treatment of manure, process wastewater, storm water runoff from lots or other high intensity areas, and other wastes, with chemical or biological additives.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25		
735	Waste Gasification Facility	00N	EE	Gasification - Provide treatment of manure, process wastewater, storm water runoff from lots or other high intensity areas, and other wastes, with chemical or biological additives.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25		
735	Waste Gasification Facility	00N	EE	Gasification - Provide treatment of manure, process wastewater, storm water runoff from lots or other high intensity areas, and other wastes, with chemical or biological additives.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25		
735	Waste Gasification Facility	00N	EE	Gasification - Provide treatment of manure, process wastewater, storm water runoff from lots or other high intensity areas, and other wastes, with chemical or biological additives.	192	GHGs - confined animal activities				25					
735	Waste Gasification Facility	00N	Interim	Gasification - Provide treatment of manure, process wastewater, storm water runoff from lots or other high intensity areas, and other wastes, with chemical or biological additives.	212	Odor - confined animal activity				50					
735	Waste Gasification Facility	00N	EE	Gasification - Provide treatment of manure, process wastewater, storm water runoff from lots or other high intensity areas, and other wastes, with chemical or biological additives.	198	Ozone - confined animal activities				20					
735	Waste Gasification Facility	00N	EE	Gasification - Provide treatment of manure, process wastewater, storm water runoff from lots or other high intensity areas, and other wastes, with chemical or biological additives.	187	Reactive nitrogen - confined animal activities				30					
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	177	Mine waste remediation and containment - groundwater	25	25	25	25		25	25	25	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	179	Mine waste remediation and containment - surface water	25	25	25	25		25	25	25	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	183	Moisture Management	5	5	5	5		5	5	5	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	199	Ozone - open burning	25	25		25	25		25	25	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	214	Plant productivity and health	5	5			5		5	5	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	208	PM - open burning	25	25		25	25		25	25	
633	Waste Recycling	00N	EE	Waste Recycling - Utilize nonagricultural waste by-products for on-farm uses, or agricultural waste by-products for off-farm uses.	189	Reactive nitrogen - open burning	25	25		25	25		25	25	
632	Waste Separation Facility	00N	EE	Solid Separation - Install a filtration or screening device used to partition solids and/or nutrients from a waste stream.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	15	15	15	15		15	15	15	

632	Waste Separation Facility	00N	EE	Solid Separation - Install a filtration or screening device used to partition solids and/or nutrients from a waste stream.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	15	15	15	15		15	15	15	
632	Waste Separation Facility	00N	EE	Solid Separation - Install a filtration or screening device used to partition solids and/or nutrients from a waste stream.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15	15	
632	Waste Separation Facility	00N	EE	Solid Separation - Install a filtration or screening device used to partition solids and/or nutrients from a waste stream.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15	15	
632	Waste Separation Facility	00N	EE	Solid Separation - Install a filtration or screening device used to partition solids and/or nutrients from a waste stream.	192	GHGs - confined animal activities				20					
632	Waste Separation Facility	00N	EE	Solid Separation - Install a filtration or screening device used to partition solids and/or nutrients from a waste stream.	212	Odor - confined animal activity				20					
632	Waste Separation Facility	00N	EE	Solid Separation - Install a filtration or screening device used to partition solids and/or nutrients from a waste stream.	198	Ozone - confined animal activities				20					
313	Waste Storage Facility	00N	EE	Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25		
313	Waste Storage Facility	00N	EE	Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25		
313	Waste Storage Facility	00N	EE	Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	30	30	30	30		30	30		
313	Waste Storage Facility	00N	EE	Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25		
313	Waste Storage Facility	01N	EE	Dry Climate Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25			
313	Waste Storage Facility	01N	EE	Dry Climate Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25			
313	Waste Storage Facility	01N	EE	Dry Climate Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25			
313	Waste Storage Facility	01N	EE	Dry Climate Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25			
313	Waste Storage Facility	01N	EE	Dry Climate Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	166	Salt loss to groundwater	50	50	50	50		50			
313	Waste Storage Facility	01N	EE	Dry Climate Waste Storage Facility - Make an agricultural waste storage impoundment or containment by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.	167	Salt loss to surface water	50	50	50	50		50			
634	Waste Transfer	00N	EE	Waste Transfer - Install a system using structures, pipes or conduits to convey wastes or waste byproducts from the agricultural production site to storage/treatment or application site.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	15	15	15	15		15	15	15	
634	Waste Transfer	00N	EE	Waste Transfer - Install a system using structures, pipes or conduits to convey wastes or waste byproducts from the agricultural production site to storage/treatment or application site.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	15	15	15	15		15	15	15	
634	Waste Transfer	00N	EE	Waste Transfer - Install a system using structures, pipes or conduits to convey wastes or waste byproducts from the agricultural production site to storage/treatment or application site.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15	15	
634	Waste Transfer	00N	EE	Waste Transfer - Install a system using structures, pipes or conduits to convey wastes or waste byproducts from the agricultural production site to storage/treatment or application site.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	15	15	15	15		15	15	15	
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25	
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25	

629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	192	GHGs - confined animal activities				25					
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	160	Nonpoint pathogen loss to groundwater	50	50	50	50	50	50	50	50	
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	161	Nonpoint pathogen surface loss'	50	50	50	50	50	50	50	50	
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	212	Odor - confined animal activity				30					
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	198	Ozone - confined animal activities				30					
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	204	PM - confined animal activities				25					
629	Waste Treatment	00N	EE	Waste Treatment - Use unique or innovative mechanical, chemical or biological technologies that change the characteristics of manure and agricultural waste.	187	Reactive nitrogen - confined animal activities				30					
359	Waste Treatment Lagoon	00N	EE	Treatment Lagoon - Build a waste treatment impoundment by constructing an embankment and/or excavating a pit or dugout.	173	Concentrated nutrient and pathogen effluent from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25	
359	Waste Treatment Lagoon	00N	EE	Treatment Lagoon - Build a waste treatment impoundment by constructing an embankment and/or excavating a pit or dugout.	172	Concentrated nutrient and pathogen leaching loss from domestic animal confinement, including milkhouse waste and silage leachate	25	25	25	25		25	25	25	
359	Waste Treatment Lagoon	00N	EE	Treatment Lagoon - Build a waste treatment impoundment by constructing an embankment and/or excavating a pit or dugout.	171	Concentrated nutrient and pathogen leaching loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	
359	Waste Treatment Lagoon	00N	EE	Treatment Lagoon - Build a waste treatment impoundment by constructing an embankment and/or excavating a pit or dugout.	175	Concentrated nutrient and pathogen surface loss from storage and handling of manure, compost, biosolids or non-ag food waste	25	25	25	25		25	25	25	
359	Waste Treatment Lagoon	00N	EE	Treatment Lagoon - Build a waste treatment impoundment by constructing an embankment and/or excavating a pit or dugout.	212	Odor - confined animal activity				10					
359	Waste Treatment Lagoon	00N	EE	Treatment Lagoon - Build a waste treatment impoundment by constructing an embankment and/or excavating a pit or dugout.	198	Ozone - confined animal activities				5					
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	146	Classic gully erosion	50	50	50	50	50	50	50	50	
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	147	Ephemeral gully erosion		50							
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	168	Groundwater depletion	5	5	5	5	5	5	5	5	
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	169	Inefficient irrigation water use	5	5	5	5	5	5	5	5	
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	183	Moisture Management	20	20	20	20	20	20	20	20	
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	158	Nonpoint nitrogen surface loss	3	5	3	3	3	3	5		
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	159	Nonpoint phosphorus surface loss	3	20	3	3	3	3	5		
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	184	Ponding and flooding	20	20	20	20	20	20	20	20	
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	163	Sediment from erosion		15			15			15	
638	Water and Sediment Control Basin	00N	AE	WASCOB - Construct an earth embankment or a combination ridge and channel across the slope of a minor drainageway.	170	Surface water depletion	5	5	5	5	5	5	5	5	
636	Water Harvesting Catchment	00N	WME	Water harvesting catchment - Install a facility for collecting and storing runoff from precipitation to provide water for livestock, fish, wildlife, or other conservation purposes.	182	Drought susceptibility								20	
636	Water Harvesting Catchment	00N	WME	Water harvesting catchment - Install a facility for collecting and storing runoff from precipitation to provide water for livestock, fish, wildlife, or other conservation purposes.	224	Inadequate livestock water quantity, quality and distribution		5		5	5		5	5	
636	Water Harvesting Catchment	00N	WME	Water harvesting catchment - Install a facility for collecting and storing runoff from precipitation to provide water for livestock, fish, wildlife, or other conservation purposes.	183	Moisture Management	20	20	20	20	20	20	20	20	
724	Water Treatment Facility	00N	Interim	Treatment Facility - Install a mechanical, chemical, or biological treatment facility for ground water to meet livestock drinking water standards.	224	Inadequate livestock water quantity, quality and distribution				10			10	10	

724	Water Treatment Facility	00N	Interim	Treatment Facility - Install a mechanical, chemical, or biological treatment facility for ground water to meet livestock drinking water standards.	212	Odor - confined animal activity				10							
642	Water Well	00N	EG	Well - Install a water well into an aquifer for water supply.	182	Drought susceptibility		20					20				
642	Water Well	00N	EG	Well - Install a water well into an aquifer for water supply.	168	Groundwater depletion	10	10	10	10	10	10	10	10	10		
642	Water Well	00N	EG	Well - Install a water well into an aquifer for water supply.	224	Inadequate livestock water quantity, quality and distribution		5		5	5		10	10			
642	Water Well	00N	EG	Well - Install a water well into an aquifer for water supply.	169	Inefficient irrigation water use	10	10	10	10	10	10	10	10	10		
642	Water Well	00N	EG	Well - Install a water well into an aquifer for water supply.	183	Moisture Management	5	5	5	5	5	5	5	5	5		
642	Water Well	00N	EG	Well - Install a water well into an aquifer for water supply.	186	Seeps	5	5	5	5	5	5	5	5	5		
642	Water Well	00N	EG	Well - Install a water well into an aquifer for water supply.	170	Surface water depletion	10	10	10	10	10	10	10	10	10		
803	Water Well Disinfection	00N	Interim	Well Disinfection - Utilize a disinfection process to destroy microorganisms within the well system and its water.	224	Inadequate livestock water quantity, quality and distribution				10			10	10			
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	220	Aquatic habitat for fish and other organisms	5	5	5	5	5	5	5	5	5		
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	174	Concentrated nutrient and pathogen surface loss from domestic animals standing in surface water	25	25					25	25			
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	168	Groundwater depletion	10	10	10	10	10	10	10	10	10		
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	224	Inadequate livestock water quantity, quality and distribution				5	5		20	30			
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	183	Moisture Management	5	5	5	5	5	5	5	5	5		
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	214	Plant productivity and health	5	5			5		5	5			
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	215	Plant structure and composition							5	5			
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	163	Sediment from erosion							15	15			
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	186	Seeps	10	10	10	10	10	10	10	10	10		
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	154	Sheet and rill erosion							5	5			
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	170	Surface water depletion	10	10	10	10	10	10	10	10	10		
614	Watering Facility	00N	AE	Watering Facility - Install a watering facility to provide drinking water for livestock or wildlife.	155	Wind erosion							5	5			
640	Waterspreading	00N	WME	Waterspreading - Install a system of dams, dikes, ditches, or other means to divert or collect runoff from natural channels, gullies, or streams and spread it over relatively flat areas.	145	Bank erosion from streams, shorelines or water conveyance channels		25			25		25	25			
640	Waterspreading	00N	WME	Waterspreading - Install a system of dams, dikes, ditches, or other means to divert or collect runoff from natural channels, gullies, or streams and spread it over relatively flat areas.	146	Classic gully erosion		25			25		25	25			
640	Waterspreading	00N	WME	Waterspreading - Install a system of dams, dikes, ditches, or other means to divert or collect runoff from natural channels, gullies, or streams and spread it over relatively flat areas.	168	Groundwater depletion	10	10	10	10	10	10	10	10	10		
640	Waterspreading	00N	WME	Waterspreading - Install a system of dams, dikes, ditches, or other means to divert or collect runoff from natural channels, gullies, or streams and spread it over relatively flat areas.	224	Inadequate livestock water quantity, quality and distribution		5									
640	Waterspreading	00N	WME	Waterspreading - Install a system of dams, dikes, ditches, or other means to divert or collect runoff from natural channels, gullies, or streams and spread it over relatively flat areas.	183	Moisture Management	20	20	20	20	20	20	20	20	20		
640	Waterspreading	00N	WME	Waterspreading - Install a system of dams, dikes, ditches, or other means to divert or collect runoff from natural channels, gullies, or streams and spread it over relatively flat areas.	214	Plant productivity and health		5			5		5	5			
640	Waterspreading	00N	WME	Waterspreading - Install a system of dams, dikes, ditches, or other means to divert or collect runoff from natural channels, gullies, or streams and spread it over relatively flat areas.	184	Ponding and flooding	20	20	20	20	20	20	20	20	20		
640	Waterspreading	00N	WME	Waterspreading - Install a system of dams, dikes, ditches, or other means to divert or collect runoff from natural channels, gullies, or streams and spread it over relatively flat areas.	170	Surface water depletion	10	10	10	10	10	10	10	10	10		
351	Well Decommissioning	00N	EG	Decommission - Seal and permanently close an inactive, abandoned, or unusable water or monitoring well.	168	Groundwater depletion	50	50	50	50	50	50	50	50	50		
755	Well Plugging	00N	Interim	Well Plug - Place plugs at specified depths into a well to protect the ground water from surface water pollution.	168	Groundwater depletion	50	50	50	50	50	50	50	50	50		
658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	220	Aquatic habitat for fish and other organisms	40	40	40	40	40	40	40	40	40	40	40
658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	168	Groundwater depletion	5	5	5	5	5	5	5	5	5		
658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	183	Moisture Management	10	10	10	10	10	10	10	10	10		
658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	156	Nonpoint nitrogen leaching loss	10	10	5				5				
658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	158	Nonpoint nitrogen surface loss	30	30	25		20		25				
658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	159	Nonpoint phosphorus surface loss	20	20	15		10		15				

658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	184	Ponding and flooding	5	5	5	5	5	5	5	5	5	
658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	163	Sediment from erosion	20	20	15		10		15			
658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	170	Surface water depletion	5	5	5	5	5	5	5	5	5	
658	Wetland Creation	00N	Wbio	Creation - Establish wetland hydrology, hydrophytic vegetation, and desired wetland functions on a site that is capable of supporting wetland characteristics and was historically a non-wetland.	225	Terrestrial habitat for wildlife and invertebrates	20	20	20	20	10	20	20	20		
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	220	Aquatic habitat for fish and other organisms	40	40	40	40	40	40	40	40	40	40
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	168	Groundwater depletion	5	5	5	5	5	5	5	5	5	
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	183	Moisture Management	15	15	15	15	15	15	15	15	15	
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	151	Organic matter depletion	50				50					50
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	184	Ponding and flooding	10	10	10	10	10	10	10	10	10	
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	185	Seasonal high water table	20	20	20	20	20	20	20	20	20	
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	186	Seeps	15	15	15	15	15	15	15	15	15	
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	152	Soil organism habitat loss or degradation	50									50
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	153	Subsidence	50	50			50		50	50	50	
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	170	Surface water depletion	5	5	5	5	5	5	5	5	5	
659	Wetland Enhancement	00N	Wbio	Enhancement - Augment wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site to increase the capacity of specific wetland functions.	225	Terrestrial habitat for wildlife and invertebrates	40	40	40	40	40	40	40	40	40	40
657	Wetland Restoration	00N	Wbio	Restoration - Restore a wetland and its functions to a close approximation of its original condition as it existed prior to disturbance on a former or degraded wetland site.	220	Aquatic habitat for fish and other organisms	40	40	40	40	40	40	40	40	40	40
657	Wetland Restoration	00N	Wbio	Restoration - Restore a wetland and its functions to a close approximation of its original condition as it existed prior to disturbance on a former or degraded wetland site.	168	Groundwater depletion	10	10	10	10	10	10	10	10	10	
657	Wetland Restoration	00N	Wbio	Restoration - Restore a wetland and its functions to a close approximation of its original condition as it existed prior to disturbance on a former or degraded wetland site.	183	Moisture Management	15	15	15	15	15	15	15	15	15	
657	Wetland Restoration	00N	Wbio	Restoration - Restore a wetland and its functions to a close approximation of its original condition as it existed prior to disturbance on a former or degraded wetland site.	156	Nonpoint nitrogen leaching loss	20	20	15				15			
657	Wetland Restoration	00N	Wbio	Restoration - Restore a wetland and its functions to a close approximation of its original condition as it existed prior to disturbance on a former or degraded wetland site.	158	Nonpoint nitrogen surface loss	30	30	25		20		25			
657	Wetland Restoration	00N	Wbio	Restoration - Restore a wetland and its functions to a close approximation of its original condition as it existed prior to disturbance on a former or degraded wetland site.	159	Nonpoint phosphorus surface loss	20	20	15		10		15			



420	Wildlife Habitat Planting	00N	Wbio	Wildlife Habitat Planting - Establish wildlife habitat by planting herbaceous vegetation or shrubs when wildlife habitat evaluation indicates a benefit in altering the current vegetative conditions (species diversity, richness, structure and pattern). Implementation will meet minimum NRCS planning criteria of "50 percent of the habitat potential for the species of concern" as identified in a State-approved habitat evaluation protocol (e.g., Wildlife Habitat Evaluation Guide).	215	Plant structure and composition												10
420	Wildlife Habitat Planting	00N	Wbio	Wildlife Habitat Planting - Establish wildlife habitat by planting herbaceous vegetation or shrubs when wildlife habitat evaluation indicates a benefit in altering the current vegetative conditions (species diversity, richness, structure and pattern). Implementation will meet minimum NRCS planning criteria of "50 percent of the habitat potential for the species of concern" as identified in a State-approved habitat evaluation protocol (e.g., Wildlife Habitat Evaluation Guide).	154	Sheet and rill erosion	30	40	30	30	30	30	15	15				
420	Wildlife Habitat Planting	00N	Wbio	Wildlife Habitat Planting - Establish wildlife habitat by planting herbaceous vegetation or shrubs when wildlife habitat evaluation indicates a benefit in altering the current vegetative conditions (species diversity, richness, structure and pattern). Implementation will meet minimum NRCS planning criteria of "50 percent of the habitat potential for the species of concern" as identified in a State-approved habitat evaluation protocol (e.g., Wildlife Habitat Evaluation Guide).	152	Soil organism habitat loss or degradation	20	5	5	5	5	5	5	5				
420	Wildlife Habitat Planting	00N	Wbio	Wildlife Habitat Planting - Establish wildlife habitat by planting herbaceous vegetation or shrubs when wildlife habitat evaluation indicates a benefit in altering the current vegetative conditions (species diversity, richness, structure and pattern). Implementation will meet minimum NRCS planning criteria of "50 percent of the habitat potential for the species of concern" as identified in a State-approved habitat evaluation protocol (e.g., Wildlife Habitat Evaluation Guide).	225	Terrestrial habitat for wildlife and invertebrates	40	40	40	40	40	40	40	40				
420	Wildlife Habitat Planting	00N	Wbio	Wildlife Habitat Planting - Establish wildlife habitat by planting herbaceous vegetation or shrubs when wildlife habitat evaluation indicates a benefit in altering the current vegetative conditions (species diversity, richness, structure and pattern). Implementation will meet minimum NRCS planning criteria of "50 percent of the habitat potential for the species of concern" as identified in a State-approved habitat evaluation protocol (e.g., Wildlife Habitat Evaluation Guide).	155	Wind erosion	30	40	30	30	30	30	15	15				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	181	Drifted snow	50	50	50	50	50	50	50	50				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	182	Drought susceptibility	20	20	20	20	20	20	20	20				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	226	Energy efficiency of equipment and facilities	1	1	1	1	1	1	1	1				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	227	Energy efficiency of farming/ranching practices and field operations	1	1	1	1	1	1	1	1				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	191	GHGs - carbon stock	70	70			70		70	70				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	168	Groundwater depletion	5	5	5	5	5	5	5	5				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	223	Inadequate livestock shelter		5		5	5		30	30				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	169	Inefficient irrigation water use	20	20	5	5	5	20	20	5				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	183	Moisture Management	30	30	30	30	30	30	30	30				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	158	Nonpoint nitrogen surface loss	2	5	2	2	2	2	2	2				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	233	Nonpoint pesticide drift to surface water	30	30	30	30	30	30	30	30				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	165	Nonpoint pesticide surface loss	30	30	30	30	30	30	30	30				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	159	Nonpoint phosphorus surface loss	2	10	2	2	2	2	2	2				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	212	Odor - confined animal activity				50								
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	213	Odor - nitrogen fertilizer	50	50					50					
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	214	Plant productivity and health	5	10		5	5		5					
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	215	Plant structure and composition					5		5					
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	204	PM - confined animal activities				50								
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	205	PM - dust from field operations		50						50				
380	Windbreak/Shelterbelt Establishment	00N	For	Establishment - Plant trees/shrubs in linear configurations to meet conservation objectives.	206	PM - dust from unpaved roads	50	50		50	50	50	50	50				



650	Windbreak/Shelterbelt Renovation	00N	For	Renovation – Restore or enhance the original planned function of an existing windbreak or shelterbelt.	155	Wind erosion	50	25	50	50	50	50			
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	222	Feed and forage balance				5	5		5	5	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	191	GHGs - carbon stock					30			30	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	168	Groundwater depletion	5	5	5	5	5	5	5	5	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	218	Invasive species					30				
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	183	Moisture Management	5	5	5	5	5	5	5	5	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	151	Organic matter depletion	20		20	20	20	20	20	20	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	199	Ozone - open burning					50			50	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	219	Plant pest pressure	25	25		25	25		25	25	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	214	Plant productivity and health	30			15	30		15	30	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	215	Plant structure and composition					10				
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	208	PM - open burning					50			50	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	189	Reactive nitrogen - open burning					50			50	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	170	Surface water depletion	5	5	5	5	5	5	5	5	
384	Woody Residue Treatment	00N	For	On-site Retention – Treat woody biomass from management or a natural disturbance. Woody biomass is retained on-site.	216	Wildfire hazard from biomass accumulation	5	5		5	30		5	20	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	222	Feed and forage balance				15	15		15	15	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	191	GHGs - carbon stock					30			30	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	168	Groundwater depletion	5	5	5	5	5	5	5	5	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	218	Invasive species					30				
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	183	Moisture Management	5	5	5	5	5	5	5	5	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	199	Ozone - open burning					50			50	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	219	Plant pest pressure	40	40		40	40		40	40	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	214	Plant productivity and health	30			15	30		15	30	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	215	Plant structure and composition					10				
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	208	PM - open burning					50			50	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	189	Reactive nitrogen - open burning					50			50	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	170	Surface water depletion	5	5	5	5	5	5	5	5	
384	Woody Residue Treatment	01N	For	Off-site Removal – Treat woody biomass from management or a natural disturbance. Woody biomass is removed off-site.	216	Wildfire hazard from biomass accumulation	10	10		10	40		10	20	