Gulf Coast SWCD / USDA-NRCS

Calcasieu and Cameron Resource Concerns Voting Form

Name: _____ Parish: _____

Phone Number: (_____) _____ Email Address: _____

Predominant Producer Type: _____ Seconard Producer Type: _____

Only one form can be submitted per producer. If multiple forms are received, only the first submitted form will be recorded.

Directions: You are given 10 points to rank the following resource concerns. You are allowed to split the points up as you see fit or give one concern all 10 points. Please use the spaces on the left-hand side of the form to indicate how many points you would like to award to the corresponding resource concern. Data in parenthesis are examples of actual practices used to treat concerns.

Air Quality Emissions

_____ Emissions of airborne reactive nitrogen
_____ Emissions of greenhouse gases'- GHGs
(Pasture and Hay Planting, Tree/Shrub Establishment)
_____ Emissions of ozone precursors
_____ Emissions of particulate matter (PM) and PM precursors
(Residue and Tillage Mgmt/No Till, Residue and Tillage Mgmt/Reduced Till)
_____ Objectionable odor

Aquatic Habitat

_____ Aquatic habitat for fish and other organisms
(Tree/Shrub Establishment)
_____ Elevated water temperature
(Riparian Forest Buffer, Tree Shrub Establishment)

Concentrated Erosion

_____ Bank erosion from streams, shorelines, or water conveyance channels
(Herbaceous Weed Treatment, Watering Facility)
_____ Classic gully erosion
(Critical Area Planting, Grade Stabilization Structure)
_____ Ephemeral gully erosion
(Critical Area Planting, Forest Stand Improvement)

Degraded Plant Condition

_____ Plant productivity and health
(Brush Mgmt, Forest Stand Improvement, Herbaceous Weed Treatment, Nutrient Mgmt, Pature and Hay Planting, Prescirbed Burning, Tree/Shrub Establishment)
_____ Plant structure and composition
(Brush Mgmt, Forest Stand Improvement, Herbaceous Weed Treatment, Pature and Hay Planting, Prescirbed Burning, Tree/Shrub Establishment)

Field Pesticide Loss

_____ Pesticides transported to groundwater
_____ Pesticides transported to surface water
(Residue and Tillage Mgmt/No Till)

Field Sediment, Nutrient and Pathogen Loss

_____ Nutrients transported to groundwater
_____ Nutrients transported to surface water
_____ Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater
(Nutrient Mgmt)
_____ Pathogens and chemicals from manure, biosolids or compost applications transported to surface water
(Nutrient Mgmt)
_____ Sediment transported to surface water
(Residue and Tillage Mgmt/No Till)

Fire Management

_____ Wildfire hazard from biomass accumulation
(Brush Mgmt, Firebreak, Forest Stand Improvement, Herbaceous Weed Treatment, Prescribed Burning)

Inefficient Energy Use

_____ Energy efficiency of equipment and facilities
_____ Energy efficiency of farming/ranching practices and field operations
(Residue and Tillage Mgmt/ No Till)

Livestock Production Limitation

_____ Feed and forage balance
(Brush Mgmt, Herbaceous Weed Treatment, Nutrient Mgmt, Pasture and Hay Planting, Prescribed Burning)
_____ Inadequate livestock shelter
(Livestock Shelter Structure)
_____ Inadequate livestock water quantity, quality, and distribution
(Livestock Pipeline, Water Well, Watering Facility)

Pest Pressure

_____ Plant pest pressure
(Brush Mgmt, Cover Crops, Herbaceous Weed Treatment, Prescribed Burning, Tree/Shrub Establishment)

Salt Losses to Water

_____ Salts transported to groundwater
_____ Salts transported to surface water

Soil Quality Limitations

Aggregate instability
(Pasture and Hay Planting, Residue and Tillage Mgmt/No Till, Tree/Shrub Establishment)
_____ Compaction
_____ Concentration of salts or other chemicals
_____ Organic matter depletion
(Pasture and Hay Planting, Tree/Shrub Establishment)
_____ Soil organism habitat loss of degradation
(Pasture and Hay Planting, Residue and Tillage Mgmt/No Till, Tree/Shrub Establishment)
_____ Subsidence

Source Water Depletion

_____ Groundwater depletion
_____ Inefficient irrigation water use
(Irrigation Land Leveling)
_____ Surface water depletion

Storage and Handling of Pollutants

_____ Nutrients transported to groundwater
(Nutrient Mgmt)
_____ Nutrients transported to surface water
(Nutrient Mgmt, Watering Facility)
_____ Petroleum, heavy metals, and other pollutants transported to groundwater
_____ Petroleum, heavy metals, and other pollutants transported to surface water

Terrestrial Habitiat

_____ Terrestrial habitat for wildlife and invertebrates
(Herbaceous Weed Treatment, Pasture and Hay Planting, Prescribed Burning, Shallow Water Development and Mgmt, Tree/Shrub Establishment)

Weather Resilience

_____ Naturally availabe moisture use
_____ Ponding and flooding
_____ Seasonal high-water table
_____ Seeps

Wind and Water Erosion

_____ Sheet and rill erosion
(Cover Crops, Forest Stand Improvement, Hebaceous Weed Treatment, Pasture and Hay Planting, Residue and Tillage Mgmt/ No Till, Residue and Tillage Mgmt/ Reduced
_____ Wind erosion
(Cover Crops, Herbaceous Weed Treatment, Pasture and Hay Planting, Residue and Tillage Mgmt/ Not Till, Residue and Tillage Mgmt/ Reduced till, Tree/Shrub

Reminder: The total points given should equal 10.

Notes/Comments: