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## Ranking Tool Summary

### for FY2016 - StrikeForce - Livestock

(Released 01/05/2016 )

#### Description:

#### Land Uses:

Associated Agriculture Land, Farmstead, Pasture

#### Efficiency Score:

Scoring Multiplier: 7.840

#### Optional Notes:

#### National Priorities:

Scoring Multiplier: 1.000

Questions:

Number	Question	Points
1	a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other national level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	250
2	a. Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?	15
2	b. Implementing the practices in a Nutrient Management Plan (NMP)?	10
2	c. Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated "impaired water body" (TMDL, 303d listed waterbody, or other State designation)?	10
2	d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a "non-impaired water body"?	10
2	e. Implementing practices that improve water quality through animal mortality and carcass management?	10
3	a. Implementing irrigation practices that reduce aquifer overdraft.	15
3	b. Implementing irrigation practices that reduce on-farm water use?	10
3	c. Implementing practices in an area where the applicant participates in a geographically established or watershed-wide project?	10
3	d. Implementing practices that reduce on-farm water use as a result of changing to crops with lower water consumptive use, the rotation of crops, or the modification of cultural operations?	10
4	a. Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	10
4	b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)?	10
4	c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O)?	10
4	d. Implementing practices that increase on-farm carbon sequestration?	10
5	a. Reduce erosion to tolerable limits (Soil "T")?	10
5	b. Increasing organic matter and carbon content, and improving soil tilth and structure?	10
6	a. Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern.	10

6	b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP) or other set-aside program?	10
6	c. Implementing practices benefitting honey bee populations or other pollinators?	10
6	d. Implementing land-based practices that improve habitat for aquatic wildlife?	10
7	a. Implementing practices that result in the management control of noxious or invasive plant species on non-cropland?	10
7	b. Implementing practice in an Integrated Pest Management Plan (IPM)?	10
8	a. Reducing on-farm energy consumption?	10
8	b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?	10
9	a. Enhancement of existing conservation practice(s) or conservation systems already in place at the time the application is received?	10
Total Points		500

**State Issues:**

Scoring Multiplier: 1.000

Questions:

Sub-heading Number	Question Number	Question	Points
1		Water: Applications include practices that address water quality degradation occurring from livestock access to surface water. Maximum 65 points. Questions 1-5: Only one Yes allowed. For the purposes of this ranking tool, tract means: contiguous land operated and managed (same labor, equipment, and accounting system) by the same individual or entity, i.e., the applicant.	
	1	The application includes conservation practices (382, 390 or 391, and 472) that establishes a 35-foot (or greater) riparian buffer (planted or natural succession) and excludes livestock access to 100% of the water features that flow off of the tract that is associated with the land being offered in the application. The water quality degradation’s source is livestock that is, at the time of the Inventory and Evaluation, actively degrading the water feature (stream, etc). Visual evidence of the water quality degradation must be witnessed and documented at the time of the Inventory and Evaluation.	65
	2	The application includes conservation practices (382, and 472) that excludes livestock access to 100% of the water features that flow off the tract that is associated with the land being offered in the application. The water quality degradation’s source is livestock that is, at the time of the Inventory and Evaluation, actively degrading the water feature (stream, etc). Visual evidence of the water quality degradation must be witnessed and documented at the time of the Inventory and Evaluation.	55
	3	The application includes conservation practices (382, 390 or 391, and 472) that establishes a 35-foot (or greater) riparian buffer (planted or natural succession) and excludes livestock access to less than 100% but more than 50% of the water features that flow off the tract that is associated with the land being offered in the application. The water quality degradation’s source is livestock that is, at the time of the Inventory and Evaluation, actively degrading the water feature (stream, etc). Visual evidence of the water quality degradation must be witnessed and documented at the time of the Inventory and Evaluation.	45
	4	The application includes conservation practices (382 and 472) that exclude livestock access to less than 100% but more than 50% of the water features that flow off the tract that is associated with the land being offered in the application. The water quality degradation’s source is livestock that is, at the time of the Inventory and Evaluation, actively degrading the	35

		water feature (stream, etc). Visual evidence of the water quality degradation must be witnessed and documented at the time of the Inventory and Evaluation.	
	5	The application includes conservation practices (382 and 472) that exclude livestock access to less than 50% of the water features that flow off the tract that is associated with the land being offered in the application. The water quality degradation's source is livestock that is, at the time of the Inventory and Evaluation, actively degrading the water feature (stream, etc). Visual evidence of the water quality degradation must be witnessed and documented at the time of the Inventory and Evaluation.	25
2		Water: Applications include practices that address water quality degradation occurring from Animal Concentration Areas (ACAs). Maximum 95 points. Questions 1-3: Only one Yes allowed - maximum 70 points. Applications that include a 561* MUST also implement a Loafing Lot System OR a Prescribed Grazing System to properly address the resource concern. *561s that are associated with 100% confinement do no need to implement a Prescribed Grazing System or Loafing Lot System.	
	1	The application includes one or more practices (313, 367, 393, 527, 561) that, when installed, will eliminate water quality degradation to a water feature or open sinkhole. Applications that include a 561 MUST implement Prescribed Grazing. The water quality degradation's source is stormwater run-off from a concentrated livestock area. Visual evidence of the water quality degradation must be witnessed and documented at the time of the Inventory and Evaluation. (Planners should reference the Water Quality Planning Criteria.)	70
	2	The application includes one or more practices (313, 367, 561) that will result in the creation of a loafing lot management system, which, when installed, will eliminate water quality degradation to a water feature or open sinkhole. The water quality degradation's source is stormwater run-off from a concentrated livestock area. Visual evidence of the water quality degradation must be witnessed and documented at the time of the Inventory and Evaluation. (Planners should reference the Water Quality Planning Criteria.)	60
	3	The application includes practices, 313 or 561, to be implemented on a 100 percent livestock confinement operation OR a livestock operation that needs additional waste storage. The practices will, when installed, result in adequate storage and proper application of nutrients from animal manures produced on the farm. (Planners should reference the Water Quality Planning Criteria.)	40
	4	The application includes practices (316, 317) which will result in the proper disposal and management of animal carcasses in order to reduce adverse impacts on surface and/or groundwater	25
3		Soil Erosion: maximum 120 points	
	1	The application includes conservation practices (342, 472, 412, 575) that will eliminate erosion and sedimentation caused by livestock that is reaching water features.	75
	2	The application includes conservation practices (612) that convert marginal grazing land to trees.	45
4		Soil Quality: Questions 1-3: Only one Yes allowed - maximum 80 points	
	1	The grazing operation on the tract(s) offered in the application will be managed according to a NEW (not currently under contract) INTENSIVE Prescribed Grazing Plan (528).	80
	2	The grazing operation on the tract(s) offered in the application will be managed according to a NEW (not currently under contract) STANDARD Prescribed Grazing Plan (528).	50
5		Plants: maximum 40 points	
	1	The application includes Nutrient Management that will be implemented on the tracts(s) offered in the application.	20

	2	The grazing operation has at least 2.5 acres of available pasture for each animal unit currently grazing on the tract(s) offered in the application. (not implementing a prescribed grazing plan)	15
	3	The proposed contract includes at least one practice that improves the quality and quantity of forages.	5
Maximum Points:      Total Points			710

**Local Issues:**

Scoring Multiplier: 1.000

Questions:

Sub-heading Number	Question Number	Question	Points
1		Fish and Wildlife	
	1	The application includes two of the practices listed below that benefit wildlife (inadequate food/cover/shelter or Inadequate Habitat Continuity (Space). The direct benefit shall be confirmed by a biologist and documentation exists to substantiate points awarded. - 327 Conservation Cover - 338 Prescribed Burning - 390 Riparian Herbaceous Cover - 391 Riparian Forest Buffer - 395 Stream Habitat Improvement and Management - 422 Hedgerow Planting - 528 Prescribed Grazing: The Prescribed Grazing Plan must specify grazing guidelines for the species of concern. - 643 Restoration and Management of Rare and Declining Habitats - 644 Wetland Wildlife Habitat Management - 645 Upland Wildlife Habitat Management - 647 Early Successional Habitat Development/Management - 649 Structures for Wildlife - 657 Wetland Restoration - 658 Wetland Creation - 659 Wetland Enhancement	45
2		Livestock Production	
	1	The application includes three of the practices listed below that benefit livestock (Inadequate Feed & Forage or Inadequate Water) - 314 Brush Management - 315 Herbaceous Weed Control - 338 Prescribed Burning - 390 Riparian Herbaceous Cover - 512 Forage and Biomass Planting - 528 Prescribed Grazing - 574 Spring Development - 590 Nutrient Management - 614 Watering Facility - 642 Water Well	40
3		Geographic and Resource Priorities	
	1	The area being considered for an EQIP contract is within an impaired watershed shown on the "Impaired Waters of Virginia" Toolkit GIS layer, AND, the application includes practices that address the impairment.	75
	2	The area being considered is within the Chesapeake Bay Watershed.	40
	3	Will the project occur within 2 miles of, AND provide a direct benefit to a species that is in the Toolkit layer T&E species (either DGIF or Natural Heritage). The direct benefit shall be confirmed by a biologist and documentation exists to substantiate points awarded.	50
Maximum Points:      Total Points			250

**Selected Resource Concerns and Practices:**

- Degraded Plant Condition: Excessive Plant Pest Pressure
  - Access Control (472)
  - Brush Management (314)
  - Composting Facility (317)
  - Conservation Cover (327)
  - Critical Area Planting (342)
  - Early Successional Habitat Development/M (647)
  - Field Border (386)

Filter Strip (393)  
 Firebreak (394)  
 Grassed Waterway (412)  
 Hedgerow Planting (422)  
 Herbaceous Weed Control (315)  
 Irrigation Water Management (449)  
 Mulching (484)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Restoration and Management of Rare and D (643)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Stream Habitat Improvement and Managemen (395)  
 Streambank and Shoreline Protection (580)  
 Tree/Shrub Establishment (612)  
 Tree/Shrub Site Preparation (490)  
 Upland Wildlife Habitat Management (645)  
 Waste Transfer (634)  
 Wetland Creation (658)  
 Wetland Enhancement (659)  
 Wetland Restoration (657)  
 Wetland Wildlife Habitat Management (644)  
 Windbreak/Shelterbelt Establishment (380)

Degraded Plant Condition: Inadequate Structure and Composition

Access Control (472)  
 Brush Management (314)  
 Conservation Cover (327)  
 Critical Area Planting (342)  
 Early Successional Habitat Development/M (647)  
 Field Border (386)  
 Filter Strip (393)  
 Forage and Biomass Planting (512)  
 Grassed Waterway (412)  
 Hedgerow Planting (422)  
 Herbaceous Weed Control (315)  
 Nutrient Management (590)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Restoration and Management of Rare and D (643)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Silvopasture Establishment (381)  
 Stream Habitat Improvement and Managemen (395)  
 Streambank and Shoreline Protection (580)  
 Tree/Shrub Establishment (612)  
 Tree/Shrub Site Preparation (490)  
 Upland Wildlife Habitat Management (645)  
 Wetland Creation (658)  
 Wetland Enhancement (659)  
 Wetland Restoration (657)  
 Wetland Wildlife Habitat Management (644)  
 Windbreak/Shelterbelt Establishment (380)

Degraded Plant Condition: Undesirable Plant Productivity and Health

Access Control (472)  
 Access Road (560)  
 Amendments for Treatment of Ag Waste (591)  
 Brush Management (314)  
 Conservation Cover (327)  
 Critical Area Planting (342)  
 Diversion (362)  
 Early Successional Habitat Development/M (647)

Fence (382)  
 Field Border (386)  
 Filter Strip (393)  
 Firebreak (394)  
 Forage and Biomass Planting (512)  
 Grassed Waterway (412)  
 Hedgerow Planting (422)  
 Herbaceous Weed Control (315)  
 Irrigation Pipeline (430)  
 Irrigation Water Management (449)  
 Livestock Pipeline (516)  
 Mulching (484)  
 Nutrient Management (590)  
 Pond (378)  
 Pond Sealing - Clay Treatment (521D)  
 Pond Sealing or Lining, Bentonite Sealant (521C)  
 Pond Sealing or Lining, Flexible Membrane (521A)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Pumping Plant (533)  
 Restoration and Management of Rare and D (643)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Silvopasture Establishment (381)  
 Spring Development (574)  
 Stream Habitat Improvement and Management (395)  
 Streambank and Shoreline Protection (580)  
 Subsurface Drain (606)  
 Tree/Shrub Establishment (612)  
 Tree/Shrub Site Preparation (490)  
 Underground Outlet (620)  
 Upland Wildlife Habitat Management (645)  
 Waste Storage Facility (313)  
 Waste Treatment (629)  
 Waste Treatment Lagoon (359)  
 Water Well (642)  
 Watering Facility (614)  
 Wetland Creation (658)  
 Wetland Enhancement (659)  
 Wetland Restoration (657)  
 Wetland Wildlife Habitat Management (644)  
 Windbreak/Shelterbelt Establishment (380)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Cover/Shelter

Access Control (472)  
 Brush Management (314)  
 Conservation Cover (327)  
 Critical Area Planting (342)  
 Dike (356)  
 Early Successional Habitat Development/M (647)  
 Field Border (386)  
 Filter Strip (393)  
 Forage and Biomass Planting (512)  
 Grade Stabilization Structure (410)  
 Grassed Waterway (412)  
 Hedgerow Planting (422)  
 Herbaceous Weed Control (315)  
 Lined Waterway or Outlet (468)  
 Mulching (484)  
 Nutrient Management (590)  
 Pond (378)  
 Prescribed Burning (338)

- Prescribed Grazing (528)
- Restoration and Management of Rare and D (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Silvopasture Establishment (381)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Structures for Wildlife (649)
- Trails and Walkways (575)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Wetland Wildlife Habitat Management (644)
- Windbreak/Shelterbelt Establishment (380)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Food

- Access Control (472)
- Brush Management (314)
- Conservation Cover (327)
- Critical Area Planting (342)
- Dike (356)
- Early Successional Habitat Development/M (647)
- Field Border (386)
- Filter Strip (393)
- Forage and Biomass Planting (512)
- Grade Stabilization Structure (410)
- Grassed Waterway (412)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Lined Waterway or Outlet (468)
- Mulching (484)
- Nutrient Management (590)
- Pond (378)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Restoration and Management of Rare and D (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Silvopasture Establishment (381)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Trails and Walkways (575)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Wetland Wildlife Habitat Management (644)
- Windbreak/Shelterbelt Establishment (380)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Habitat Continuity (Space)

- Access Control (472)
- Access Road (560)
- Brush Management (314)
- Conservation Cover (327)
- Critical Area Planting (342)
- Dike (356)
- Early Successional Habitat Development/M (647)
- Field Border (386)

Filter Strip (393)  
 Firebreak (394)  
 Grassed Waterway (412)  
 Hedgerow Planting (422)  
 Herbaceous Weed Control (315)  
 Pond (378)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Restoration and Management of Rare and D (643)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Silvopasture Establishment (381)  
 Spring Development (574)  
 Stream Habitat Improvement and Managemen (395)  
 Streambank and Shoreline Protection (580)  
 Tree/Shrub Establishment (612)  
 Upland Wildlife Habitat Management (645)  
 Watering Facility (614)  
 Wetland Creation (658)  
 Wetland Enhancement (659)  
 Wetland Restoration (657)  
 Wetland Wildlife Habitat Management (644)  
 Windbreak/Shelterbelt Establishment (380)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Water  
 Access Control (472)  
 Dike (356)  
 Grade Stabilization Structure (410)  
 Grassed Waterway (412)  
 Pond (378)  
 Pond Sealing - Clay Treatment (521D)  
 Pond Sealing or Lining, Bentonite Sealan (521C)  
 Pond Sealing or Lining, Flexible Membran (521A)  
 Restoration and Management of Rare and D (643)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Sediment Basin (350)  
 Spring Development (574)  
 Stream Habitat Improvement and Managemen (395)  
 Structure for Water Control (587)  
 Trails and Walkways (575)  
 Water Well (642)  
 Watering Facility (614)  
 Wetland Creation (658)  
 Wetland Enhancement (659)  
 Wetland Restoration (657)  
 Wetland Wildlife Habitat Management (644)

Insufficient Water: Inefficient Use of Irrigation Water  
 Access Road (560)  
 Amendments for Treatment of Ag Waste (591)  
 Herbaceous Weed Control (315)  
 Irrigation Pipeline (430)  
 Irrigation Water Management (449)  
 Mulching (484)  
 Pond (378)  
 Pond Sealing - Clay Treatment (521D)  
 Pond Sealing or Lining, Bentonite Sealan (521C)  
 Pond Sealing or Lining, Flexible Membran (521A)  
 Pumping Plant (533)  
 Spring Development (574)  
 Structure for Water Control (587)  
 Subsurface Drain (606)

- Waste Separation Facility (632)
- Waste Storage Facility (313)
- Waste Treatment (629)
- Waste Treatment Lagoon (359)
- Water Well (642)
- Windbreak/Shelterbelt Establishment (380)
- Livestock Production Limitation: Inadequate Feed and Forage
  - Access Control (472)
  - Brush Management (314)
  - Early Successional Habitat Development/M (647)
  - Fence (382)
  - Forage and Biomass Planting (512)
  - Grassed Waterway (412)
  - Herbaceous Weed Control (315)
  - Irrigation Water Management (449)
  - Nutrient Management (590)
  - Prescribed Burning (338)
  - Prescribed Grazing (528)
  - Restoration and Management of Rare and D (643)
  - Riparian Herbaceous Cover (390)
  - Silvopasture Establishment (381)
  - Spring Development (574)
  - Stream Crossing (578)
  - Stream Habitat Improvement and Managemen (395)
  - Streambank and Shoreline Protection (580)
  - Subsurface Drain (606)
  - Trails and Walkways (575)
  - Upland Wildlife Habitat Management (645)
  - Water Well (642)
  - Watering Facility (614)
  - Wetland Creation (658)
  - Wetland Enhancement (659)
  - Wetland Restoration (657)
  - Wetland Wildlife Habitat Management (644)
  - Windbreak/Shelterbelt Establishment (380)
- Livestock Production Limitation: Inadequate Shelter
  - Access Control (472)
  - Hedgerow Planting (422)
  - Prescribed Burning (338)
  - Prescribed Grazing (528)
  - Silvopasture Establishment (381)
  - Stream Habitat Improvement and Managemen (395)
  - Tree/Shrub Establishment (612)
  - Windbreak/Shelterbelt Establishment (380)
- Livestock Production Limitation: Inadequate Water
  - Amendments for Treatment of Ag Waste (591)
  - Livestock Pipeline (516)
  - Nutrient Management (590)
  - Pond (378)
  - Pond Sealing - Clay Treatment (521D)
  - Pond Sealing or Lining, Bentonite Sealan (521C)
  - Pond Sealing or Lining, Flexible Membran (521A)
  - Pumping Plant (533)
  - Roof Runoff Structure (558)
  - Spring Development (574)
  - Stream Crossing (578)
  - Structure for Water Control (587)
  - Trails and Walkways (575)
  - Waste Separation Facility (632)
  - Waste Treatment (629)
  - Water Well (642)

Watering Facility (614)  
Soil Erosion: Classic Gully Erosion  
Access Control (472)  
Access Road (560)  
Brush Management (314)  
Conservation Cover (327)  
Critical Area Planting (342)  
Dike (356)  
Diversion (362)  
Firebreak (394)  
Grade Stabilization Structure (410)  
Grassed Waterway (412)  
Heavy Use Area Protection (561)  
Herbaceous Weed Control (315)  
Irrigation Pipeline (430)  
Karst Sinkhole Treatment (527)  
Lined Waterway or Outlet (468)  
Mulching (484)  
Pond (378)  
Prescribed Burning (338)  
Prescribed Grazing (528)  
Riparian Forest Buffer (391)  
Roof Runoff Structure (558)  
Sediment Basin (350)  
Silvopasture Establishment (381)  
Spring Development (574)  
Subsurface Drain (606)  
Trails and Walkways (575)  
Tree/Shrub Establishment (612)  
Tree/Shrub Site Preparation (490)  
Underground Outlet (620)  
Upland Wildlife Habitat Management (645)  
Watering Facility (614)  
Soil Erosion: Ephemeral Gully Erosion  
Access Control (472)  
Access Road (560)  
Brush Management (314)  
Conservation Cover (327)  
Critical Area Planting (342)  
Diversion (362)  
Field Border (386)  
Firebreak (394)  
Grassed Waterway (412)  
Heavy Use Area Protection (561)  
Herbaceous Weed Control (315)  
Karst Sinkhole Treatment (527)  
Lined Waterway or Outlet (468)  
Mulching (484)  
Prescribed Burning (338)  
Prescribed Grazing (528)  
Restoration and Management of Rare and D (643)  
Riparian Forest Buffer (391)  
Riparian Herbaceous Cover (390)  
Roof Runoff Structure (558)  
Sediment Basin (350)  
Silvopasture Establishment (381)  
Subsurface Drain (606)  
Trails and Walkways (575)  
Tree/Shrub Establishment (612)  
Tree/Shrub Site Preparation (490)  
Underground Outlet (620)

- Upland Wildlife Habitat Management (645)
- Waste Transfer (634)
- Water Well (642)
- Watering Facility (614)
- Windbreak/Shelterbelt Establishment (380)
- Soil Erosion: Sheet and Rill Erosion
  - Access Control (472)
  - Access Road (560)
  - Brush Management (314)
  - Conservation Cover (327)
  - Critical Area Planting (342)
  - Diversion (362)
  - Fence (382)
  - Field Border (386)
  - Firebreak (394)
  - Forage and Biomass Planting (512)
  - Heavy Use Area Protection (561)
  - Herbaceous Weed Control (315)
  - Mulching (484)
  - Prescribed Burning (338)
  - Prescribed Grazing (528)
  - Restoration and Management of Rare and D (643)
  - Riparian Forest Buffer (391)
  - Riparian Herbaceous Cover (390)
  - Roof Runoff Structure (558)
  - Silvopasture Establishment (381)
  - Subsurface Drain (606)
  - Trails and Walkways (575)
  - Tree/Shrub Establishment (612)
  - Tree/Shrub Site Preparation (490)
  - Upland Wildlife Habitat Management (645)
  - Waste Transfer (634)
  - Water Well (642)
  - Watering Facility (614)
  - Windbreak/Shelterbelt Establishment (380)
- Soil Erosion: Streambank, Shoreline, Water Conveyance Channels
  - Access Control (472)
  - Conservation Cover (327)
  - Critical Area Planting (342)
  - Dike (356)
  - Diversion (362)
  - Field Border (386)
  - Grade Stabilization Structure (410)
  - Grassed Waterway (412)
  - Herbaceous Weed Control (315)
  - Mulching (484)
  - Pond (378)
  - Prescribed Burning (338)
  - Prescribed Grazing (528)
  - Riparian Forest Buffer (391)
  - Riparian Herbaceous Cover (390)
  - Roof Runoff Structure (558)
  - Silvopasture Establishment (381)
  - Spring Development (574)
  - Stream Crossing (578)
  - Stream Habitat Improvement and Managemen (395)
  - Streambank and Shoreline Protection (580)
  - Subsurface Drain (606)
  - Trails and Walkways (575)
  - Tree/Shrub Establishment (612)
  - Underground Outlet (620)

- Upland Wildlife Habitat Management (645)
- Watering Facility (614)
- Soil Erosion: Wind Erosion
  - Access Control (472)
  - Brush Management (314)
  - Conservation Cover (327)
  - Critical Area Planting (342)
  - Field Border (386)
  - Firebreak (394)
  - Forage and Biomass Planting (512)
  - Heavy Use Area Protection (561)
  - Hedgerow Planting (422)
  - Herbaceous Weed Control (315)
  - Irrigation Water Management (449)
  - Mulching (484)
  - Prescribed Burning (338)
  - Prescribed Grazing (528)
  - Restoration and Management of Rare and D (643)
  - Riparian Forest Buffer (391)
  - Riparian Herbaceous Cover (390)
  - Silvopasture Establishment (381)
  - Subsurface Drain (606)
  - Trails and Walkways (575)
  - Tree/Shrub Establishment (612)
  - Tree/Shrub Site Preparation (490)
  - Upland Wildlife Habitat Management (645)
  - Waste Transfer (634)
  - Water Well (642)
  - Watering Facility (614)
  - Windbreak/Shelterbelt Establishment (380)
- Soil Quality Degradation: Compaction
  - Access Control (472)
  - Access Road (560)
  - Conservation Cover (327)
  - Critical Area Planting (342)
  - Fence (382)
  - Field Border (386)
  - Filter Strip (393)
  - Firebreak (394)
  - Forage and Biomass Planting (512)
  - Heavy Use Area Protection (561)
  - Hedgerow Planting (422)
  - Nutrient Management (590)
  - Prescribed Grazing (528)
  - Riparian Forest Buffer (391)
  - Riparian Herbaceous Cover (390)
  - Spring Development (574)
  - Subsurface Drain (606)
  - Trails and Walkways (575)
  - Tree/Shrub Establishment (612)
  - Tree/Shrub Site Preparation (490)
  - Waste Storage Facility (313)
  - Waste Transfer (634)
  - Waste Treatment (629)
  - Waste Treatment Lagoon (359)
  - Windbreak/Shelterbelt Establishment (380)
- Soil Quality Degradation: Organic Matter Depletion
  - Access Control (472)
  - Amendments for Treatment of Ag Waste (591)
  - Conservation Cover (327)
  - Critical Area Planting (342)

- Field Border (386)
- Filter Strip (393)
- Firebreak (394)
- Forage and Biomass Planting (512)
- Grassed Waterway (412)
- Hedgerow Planting (422)
- Irrigation Water Management (449)
- Mulching (484)
- Nutrient Management (590)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Silvopasture Establishment (381)
- Subsurface Drain (606)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Waste Separation Facility (632)
- Waste Storage Facility (313)
- Waste Treatment (629)
- Waste Treatment Lagoon (359)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Windbreak/Shelterbelt Establishment (380)
- Water Quality Degradation: Elevated Water Temperature
  - Access Control (472)
  - Early Successional Habitat Development/M (647)
  - Hedgerow Planting (422)
  - Prescribed Grazing (528)
  - Restoration and Management of Rare and D (643)
  - Riparian Forest Buffer (391)
  - Riparian Herbaceous Cover (390)
  - Silvopasture Establishment (381)
  - Stream Habitat Improvement and Managemen (395)
  - Streambank and Shoreline Protection (580)
  - Structure for Water Control (587)
  - Tree/Shrub Establishment (612)
  - Watering Facility (614)
- Water Quality Degradation: Excess Pathogens and Chemicals from Manure, Bio-solids or Compost
  - Applications in Groundwater
    - Access Control (472)
    - Amendments for Treatment of Ag Waste (591)
    - Animal Mortality Facility (316)
    - Composting Facility (317)
    - Conservation Cover (327)
    - Filter Strip (393)
    - Irrigation Pipeline (430)
    - Irrigation Water Management (449)
    - Karst Sinkhole Treatment (527)
    - Nutrient Management (590)
    - Pond Sealing - Clay Treatment (521D)
    - Pond Sealing or Lining, Bentonite Sealant (521C)
    - Pond Sealing or Lining, Flexible Membran (521A)
    - Prescribed Grazing (528)
    - Riparian Forest Buffer (391)
    - Riparian Herbaceous Cover (390)
    - Roofs and Covers (367)
    - Sediment Basin (350)
    - Silvopasture Establishment (381)
    - Subsurface Drain (606)

- Tree/Shrub Establishment (612)
- Waste Facility Closure (360)
- Waste Separation Facility (632)
- Waste Storage Facility (313)
- Waste Transfer (634)
- Waste Treatment (629)
- Waste Treatment Lagoon (359)
- Watering Facility (614)
- Well Decommissioning (351)

Water Quality Degradation: Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water

- Access Control (472)
- Amendments for Treatment of Ag Waste (591)
- Anaerobic Digester (366)
- Animal Mortality Facility (316)
- Composting Facility (317)
- Conservation Cover (327)
- Diversion (362)
- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Forage and Biomass Planting (512)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Irrigation Pipeline (430)
- Irrigation Water Management (449)
- Karst Sinkhole Treatment (527)
- Nutrient Management (590)
- Pond (378)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Roof Runoff Structure (558)
- Sediment Basin (350)
- Silvopasture Establishment (381)
- Spring Development (574)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Trails and Walkways (575)
- Tree/Shrub Establishment (612)
- Underground Outlet (620)
- Waste Separation Facility (632)
- Waste Storage Facility (313)
- Waste Transfer (634)
- Waste Treatment (629)
- Waste Treatment Lagoon (359)
- Water Well (642)
- Watering Facility (614)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Wetland Wildlife Habitat Management (644)

Water Quality Degradation: Excessive Sediment in Surface Water

- Access Control (472)
- Access Road (560)
- Brush Management (314)
- Conservation Cover (327)
- Critical Area Planting (342)
- Diversion (362)
- Field Border (386)
- Filter Strip (393)

- Firebreak (394)
- Forage and Biomass Planting (512)
- Grade Stabilization Structure (410)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Irrigation Pipeline (430)
- Irrigation Water Management (449)
- Karst Sinkhole Treatment (527)
- Lined Waterway or Outlet (468)
- Mulching (484)
- Pond (378)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Restoration and Management of Rare and D (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Roof Runoff Structure (558)
- Sediment Basin (350)
- Silvopasture Establishment (381)
- Spring Development (574)
- Stream Crossing (578)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Structure for Water Control (587)
- Subsurface Drain (606)
- Trails and Walkways (575)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Upland Wildlife Habitat Management (645)
- Watering Facility (614)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Wetland Wildlife Habitat Management (644)
- Windbreak/Shelterbelt Establishment (380)
- Water Quality Degradation: Nutrients in Groundwater
  - Access Control (472)
  - Amendments for Treatment of Ag Waste (591)
  - Animal Mortality Facility (316)
  - Composting Facility (317)
  - Conservation Cover (327)
  - Critical Area Planting (342)
  - Diversion (362)
  - Field Border (386)
  - Filter Strip (393)
  - Irrigation Water Management (449)
  - Karst Sinkhole Treatment (527)
  - Lined Waterway or Outlet (468)
  - Mulching (484)
  - Nutrient Management (590)
  - Pond (378)
  - Pond Sealing - Clay Treatment (521D)
  - Pond Sealing or Lining, Bentonite Sealant (521C)
  - Pond Sealing or Lining, Flexible Membran (521A)
  - Prescribed Burning (338)
  - Prescribed Grazing (528)
  - Riparian Forest Buffer (391)
  - Riparian Herbaceous Cover (390)
  - Roof Runoff Structure (558)
  - Sediment Basin (350)
  - Silvopasture Establishment (381)

- Subsurface Drain (606)
- Tree/Shrub Establishment (612)
- Waste Facility Closure (360)
- Waste Separation Facility (632)
- Waste Storage Facility (313)
- Waste Transfer (634)
- Waste Treatment (629)
- Waste Treatment Lagoon (359)
- Well Decommissioning (351)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Windbreak/Shelterbelt Establishment (380)
- Water Quality Degradation: Nutrients in Surface water
  - Access Control (472)
  - Amendments for Treatment of Ag Waste (591)
  - Anaerobic Digester (366)
  - Animal Mortality Facility (316)
  - Composting Facility (317)
  - Conservation Cover (327)
  - Critical Area Planting (342)
  - Field Border (386)
  - Filter Strip (393)
  - Forage and Biomass Planting (512)
  - Grassed Waterway (412)
  - Heavy Use Area Protection (561)
  - Hedgerow Planting (422)
  - Irrigation Pipeline (430)
  - Irrigation Water Management (449)
  - Karst Sinkhole Treatment (527)
  - Mulching (484)
  - Nutrient Management (590)
  - Pond (378)
  - Pond Sealing - Clay Treatment (521D)
  - Pond Sealing or Lining, Bentonite Sealant (521C)
  - Pond Sealing or Lining, Flexible Membrane (521A)
  - Prescribed Burning (338)
  - Prescribed Grazing (528)
  - Riparian Forest Buffer (391)
  - Riparian Herbaceous Cover (390)
  - Roof Runoff Structure (558)
  - Sediment Basin (350)
  - Silvopasture Establishment (381)
  - Stream Crossing (578)
  - Streambank and Shoreline Protection (580)
  - Subsurface Drain (606)
  - Tree/Shrub Establishment (612)
  - Underground Outlet (620)
  - Waste Facility Closure (360)
  - Waste Separation Facility (632)
  - Waste Storage Facility (313)
  - Waste Transfer (634)
  - Waste Treatment (629)
  - Waste Treatment Lagoon (359)
  - Watering Facility (614)
  - Wetland Creation (658)
  - Wetland Enhancement (659)
  - Wetland Restoration (657)
  - Windbreak/Shelterbelt Establishment (380)
- Water Quality Degradation: Pesticides in Groundwater
  - Conservation Cover (327)

- Dike (356)
- Diversion (362)
- Field Border (386)
- Filter Strip (393)
- Irrigation Water Management (449)
- Karst Sinkhole Treatment (527)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Silvopasture Establishment (381)
- Subsurface Drain (606)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Well Decommissioning (351)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)

Water Quality Degradation: Pesticides in Surface Water

- Access Control (472)
- Brush Management (314)
- Conservation Cover (327)
- Dike (356)
- Diversion (362)
- Field Border (386)
- Filter Strip (393)
- Forage and Biomass Planting (512)
- Grassed Waterway (412)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Irrigation Water Management (449)
- Karst Sinkhole Treatment (527)
- Mulching (484)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Silvopasture Establishment (381)
- Subsurface Drain (606)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Underground Outlet (620)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Windbreak/Shelterbelt Establishment (380)

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