

Ranking Tool Summary

for FY2015 - Beginning Farmer

(Released 11/06/2014)

Description:

Land Uses:

Crop, Farmstead, Forest, Pasture

Efficiency Score:

Scoring Multiplier: 100.000

Scoring Ranges and Results Text:

High: 100 - 75	Medium: 74 - 50	Low: 49 - 0
The conservation practices that will be established in the proposed contract are in the high point score range	The conservation practices that will be established in the proposed contract are in the medium point score range	The conservation practices that will be established in the proposed contract are in the low point score range

Optional Notes:

National Priorities:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 250 - 175	Medium: 174 - 90	Low: 89 - 0
The application is in the high point score range for addressing national priorities	The application is in the medium point score range for addressing national priorities	The application is in the low point score range for addressing national priorities

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

Scoring Ranges and Results Text:

High: 400 - 300	Medium: 299 - 200	Low: 199 - 0
The application is in the high point score range for addressing state resource concerns	The application is in the medium point score range for addressing state resource concerns	The application is in the low point score range for addressing state resource concerns

Questions:

Sub-heading Number	Question Number	Question	Points
1		Choose all answers that apply to the application	
	1	The applicant has certified that he or she is a Limited Resource Farmer	100
	2	The applicant is a member of a Historically Underserved Group as defined in National Bulletin 440-9-6	100
	3	The applicant has certified that he or she is a New or Beginning Farmer	100
	4	Does the proposed project area have soil quality resource concerns (example: compaction, low fertility, erosion) that will be addressed with practices applied as part of the contract?	25
	5	Does the proposed project have problems with off-farm runoff and/or sedimentation that the applicant wants to control?	25
	6	Will the planned treatment reduce nutrients or pathogens in streams that transport runoff from the proposed land?	25
	7	Will livestock be excluded from surface water sources (except for stable crossings) and the protected riparian buffer be at least 35 feet wide?	50
	8	Will the applicant establish a prescribed grazing system on all pastures in the contracted tract?	25
	9	Will practices implemented aide in controlling noxious plants on cropland, pasture or forestland?	25
	10	Will the application and requested practices result in improved forest regeneration and improved forest wildlife habitat?	25
	11	Will the application improve wildlife habitat on cropland, pasture, or forestland?	25
Maximum Points: 400			Total Points
			525

Local Issues:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 250 - 200	Medium: 199 - 100	Low: 99 - 0
The application is in the high point score range for addressing local resource concerns	The application is in the medium point score range for addressing local resource concerns	The application is in the low point score range for addressing local resource concerns

Questions:

Sub-heading Number	Question Number	Question	Points
1		Select all that apply to the application	
	1	The applicant has had a Farm Bill contract terminated within the past 3 years	-100
	2	The applicant has cancelled a Farm Bill Contract in the past 2 years	-50
	3	The applicant has an existing Farm Bill contract that was behind schedule at the end of the application cut-off period.	-75
	4	The proposed contract would be the applicant's first contract.	35
2		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	65
	2	The area being considered is within the Chesapeake Bay watershed.	45
	3	Will the project occur within 2 miles of and benefit a species that is in the Toolkit layer T&E species (either DGIF or Natural Heritage)?	40
3		Proactive Conservation Planning (It is understood that, by definition, all plans address all identified resource concerns and land within the application, and must meet all Virginia technical standards, specifications and other required criteria.) Questions 1-3: Only one Yes allowed - maximum of 65 points	
	1	A Comprehensive Nutrient Management Plan (CNMP) has been completed for the current operation PRIOR to the EQIP application cut-off date. The CNMP has been signed and dated by the applicant and the approved certified CNMP Conservation Planner.	65
	2	A Conservation Plan has been developed PRIOR to the EQIP application cutoff date. The conservation plan addresses the same resource concerns and is signed and dated by the applicant and certified conservation planner.	45
	3	A Nutrient Management Plan (NMP) has been completed for the current operation PRIOR to the EQIP application cut-off date. The NMP has been signed and dated VA Certified Nutrient Management Planner.	35
		Maximum Points: Total Points	105

Selected Resource Concerns and Practices:

Air Quality Impacts: Emissions of Greenhouse Gases (GHGs)

- Access Control (472)
- Amendments for Treatment of Ag Waste (591)
- Anaerobic Digester (366)
- Animal Mortality Facility (316)
- Brush Management (314)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Cover Crop (340)
- Critical Area Planting (342)
- Drainage Water Management (554)
- 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)
- Nutrient Management (590)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Residue Mgmt, Reduced Till (345)
- Residue Mgmt-No-Till (329)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Roofs and Covers (367)
- Silvopasture Establishment (381)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Waste Facility Closure (360)
- 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)
- Air Quality Impacts: Emissions of Ozone Precursors
 - Access Control (472)
 - Amendments for Treatment of Ag Waste (591)
 - Anaerobic Digester (366)
 - Animal Mortality Facility (316)
 - Composting Facility (317)
 - Conservation Cover (327)
 - Firebreak (394)
 - Nutrient Management (590)
 - Pumping Plant (533)
 - Residue Mgmt, Reduced Till (345)
 - Residue Mgmt-No-Till (329)
 - Roofs and Covers (367)
 - 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)
- Air Quality Impacts: Emissions of Particulate Matter (PM) and PM Precursors
 - Access Control (472)
 - Amendments for Treatment of Ag Waste (591)
 - Composting Facility (317)
 - Conservation Cover (327)
 - Critical Area Planting (342)
 - Field Border (386)
 - Filter Strip (393)
 - Firebreak (394)
 - Forage and Biomass Planting (512)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Mulching (484)
 - Nutrient Management (590)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Roofs and Covers (367)
 - Silvopasture Establishment (381)
 - Tree/Shrub Establishment (612)
 - Tree/Shrub Site Preparation (490)
 - Waste Facility Closure (360)

Waste Separation Facility (632)
 Waste Storage Facility (313)
 Waste Transfer (634)
 Waste Treatment (629)
 Waste Treatment Lagoon (359)
 Windbreak/Shelterbelt Establishment (380)
 Air Quality Impacts: Objectionable Odors
 Amendments for Treatment of Ag Waste (591)
 Anaerobic Digestor (366)
 Animal Mortality Facility (316)
 Composting Facility (317)
 Hedgerow Planting (422)
 Nutrient Management (590)
 Prescribed Burning (338)
 Prescribed Grazing (528)
 Roofs and Covers (367)
 Silvopasture Establishment (381)
 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)
 Wetland Creation (658)
 Wetland Enhancement (659)
 Wetland Restoration (657)
 Windbreak/Shelterbelt Establishment (380)
 Degraded Plant Condition: Excessive Plant Pest Pressure
 Access Control (472)
 Access Road (560)
 Brush Management (314)
 Composting Facility (317)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Contour Buffer Strips (332)
 Cover Crop (340)
 Critical Area Planting (342)
 Early Successional Habitat Development/M (647)
 Fence (382)
 Field Border (386)
 Filter Strip (393)
 Firebreak (394)
 Forest Stand Improvement (666)
 Grassed Waterway (412)
 Hedgerow Planting (422)
 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)
 Stream Habitat Improvement and Managemen (395)
 Streambank and Shoreline Protection (580)
 Tree/Shrub Establishment (612)
 Tree/Shrub Site Preparation (490)
 Waste Transfer (634)
 Wetland Creation (658)
 Wetland Enhancement (659)
 Wetland Restoration (657)
 Windbreak/Shelterbelt Establishment (380)
 Degraded Plant Condition: Inadequate Structure and Composition
 Access Control (472)
 Access Road (560)

- Brush Management (314)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Cover Crop (340)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Firebreak (394)
- Forage and Biomass Planting (512)
- Forest Stand Improvement (666)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Mulching (484)
- 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)
- Road/Trail/Landing Closure and Treatment (654)
- Silvopasture Establishment (381)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Trails and Walkways (575)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- 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)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Cover Crop (340)
- Critical Area Planting (342)
- Deep Tillage (324)
- Diversion (362)
- Drainage Water Management (554)
- Early Successional Habitat Development/M (647)
- Fence (382)
- Field Border (386)
- Firebreak (394)
- Forage and Biomass Planting (512)
- Forest Stand Improvement (666)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- 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 Membran (521A)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Residue Mgmt, Reduced Till (345)
- Residue Mgmt-No-Till (329)
- Restoration and Management of Rare and D (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Road/Trail/Landing Closure and Treatment (654)
- Silvopasture Establishment (381)
- Spring Development (574)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Stripcropping (585)
- Subsurface Drain (606)
- Trails and Walkways (575)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Underground Outlet (620)
- 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)
- Windbreak/Shelterbelt Establishment (380)
- Excess Water: Runoff, Flooding, or Ponding
 - Access Road (560)
 - Brush Management (314)
 - Conservation Cover (327)
 - Diversion (362)
 - Field Border (386)
 - Forage and Biomass Planting (512)
 - Heavy Use Area Protection (561)
 - Mulching (484)
 - Pond (378)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Roof Runoff Structure (558)
 - Roofs and Covers (367)
 - Sediment Basin (350)
 - Silvopasture Establishment (381)
 - Spring Development (574)
 - Structure for Water Control (587)
 - Subsurface Drain (606)
 - Underground Outlet (620)
 - Wetland Creation (658)
 - Wetland Enhancement (659)
 - Wetland Restoration (657)
- Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Cover/Shelter
 - Access Control (472)
 - Aquatic Organism Passage (396)
 - Brush Management (314)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Contour Buffer Strips (332)
 - Cover Crop (340)
 - Critical Area Planting (342)
 - Early Successional Habitat Development/M (647)

Fence (382)
 Field Border (386)
 Filter Strip (393)
 Firebreak (394)
 Forage and Biomass Planting (512)
 Forest Stand Improvement (666)
 Grade Stabilization Structure (410)
 Grassed Waterway (412)
 Hedgerow Planting (422)
 Herbaceous Weed Control (315)
 Mulching (484)
 Nutrient Management (590)
 Pond (378)
 Prescribed Burning (338)
 Prescribed Grazing (528)
 Residue Mgmt, Reduced Till (345)
 Residue Mgmt-No-Till (329)
 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)
 Stripcropping (585)
 Tree/Shrub Establishment (612)
 Wetland Creation (658)
 Wetland Enhancement (659)
 Wetland Restoration (657)
 Windbreak/Shelterbelt Establishment (380)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Food

Access Control (472)
 Brush Management (314)
 Conservation Cover (327)
 Conservation Crop Rotation (328)
 Contour Buffer Strips (332)
 Cover Crop (340)
 Critical Area Planting (342)
 Early Successional Habitat Development/M (647)
 Fence (382)
 Field Border (386)
 Filter Strip (393)
 Firebreak (394)
 Forage and Biomass Planting (512)
 Forest Stand Improvement (666)
 Grade Stabilization Structure (410)
 Grassed Waterway (412)
 Hedgerow Planting (422)
 Herbaceous Weed Control (315)
 Mulching (484)
 Nutrient Management (590)
 Pond (378)
 Prescribed Burning (338)
 Prescribed Grazing (528)
 Residue Mgmt, Reduced Till (345)
 Residue Mgmt-No-Till (329)
 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)
 Stripcropping (585)
 Tree/Shrub Establishment (612)

Wetland Creation (658)
 Wetland Enhancement (659)
 Wetland Restoration (657)
 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)
 Conservation Crop Rotation (328)
 Contour Buffer Strips (332)
 Cover Crop (340)
 Critical Area Planting (342)
 Dike (356)
 Drainage Water Management (554)
 Early Successional Habitat Development/M (647)
 Field Border (386)
 Filter Strip (393)
 Firebreak (394)
 Forest Stand Improvement (666)
 Grassed Waterway (412)
 Hedgerow Planting (422)
 Herbaceous Weed Control (315)
 Mulching (484)
 Pond (378)
 Prescribed Burning (338)
 Prescribed Grazing (528)
 Residue Mgmt-No-Till (329)
 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)
 Stripcropping (585)
 Tree/Shrub Establishment (612)
 Watering Facility (614)
 Wetland Creation (658)
 Wetland Enhancement (659)
 Wetland Restoration (657)
 Windbreak/Shelterbelt Establishment (380)
 Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Water
 Access Control (472)
 Aquatic Organism Passage (396)
 Dike (356)
 Drainage Water Management (554)
 Fence (382)
 Grade Stabilization Structure (410)
 Grassed Waterway (412)
 Pond (378)
 Pond Sealing - Clay Treatment (521D)
 Pond Sealing or Lining, Bentonite Sealant (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)
 Water Well (642)
 Water Well Decommissioning (351)
 Watering Facility (614)
 Wetland Creation (658)

- Wetland Enhancement (659)
- Wetland Restoration (657)
- Inefficient Energy Use: Equipment and Facilities
 - Composting Facility (317)
 - Pumping Plant (533)
 - Roofs and Covers (367)
 - Underground Outlet (620)
 - Waste Treatment Lagoon (359)
 - Windbreak/Shelterbelt Establishment (380)
- Inefficient Energy Use: Farming/Ranching Practices and Field Operations
 - Composting Facility (317)
 - Conservation Crop Rotation (328)
 - Contour Buffer Strips (332)
 - Contour Farming (330)
 - Cover Crop (340)
 - Grassed Waterway (412)
 - Livestock Pipeline (516)
 - Prescribed Burning (338)
 - Pumping Plant (533)
 - Residue Mgmt, Reduced Till (345)
 - Residue Mgmt-No-Till (329)
 - Riparian Herbaceous Cover (390)
 - Underground Outlet (620)
 - Windbreak/Shelterbelt Establishment (380)
- Insufficient Water: Inefficient Use of Irrigation Water
 - Access Road (560)
 - Amendments for Treatment of Ag Waste (591)
 - Diversion (362)
 - Herbaceous Weed Control (315)
 - Mulching (484)
 - Pond (378)
 - Pond Sealing - Clay Treatment (521D)
 - Pond Sealing or Lining, Bentonite Sealant (521C)
 - Pond Sealing or Lining, Flexible Membrane (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)
 - Herbaceous Weed Control (315)
 - Nutrient Management (590)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Silvopasture Establishment (381)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Subsurface Drain (606)
 - Trails and Walkways (575)
 - Water Well (642)
 - Watering Facility (614)
 - Wetland Creation (658)

- Wetland Enhancement (659)
- Wetland Restoration (657)
- Windbreak/Shelterbelt Establishment (380)
- Livestock Production Limitation: Inadequate Shelter
 - Hedgerow Planting (422)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Silvopasture Establishment (381)
 - Trails and Walkways (575)
 - 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 Sealant (521C)
 - Pond Sealing or Lining, Flexible Membrane (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)
 - Contour Buffer Strips (332)
 - Critical Area Planting (342)
 - Diversion (362)
 - Firebreak (394)
 - Forest Stand Improvement (666)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Herbaceous Weed Control (315)
 - Karst Sinkhole Treatment (527)
 - Lined Waterway or Outlet (468)
 - Mulching (484)
 - Pond (378)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Riparian Forest Buffer (391)
 - Road/Trail/Landing Closure and Treatment (654)
 - Roof Runoff Structure (558)
 - Sediment Basin (350)
 - Silvopasture Establishment (381)
 - Spring Development (574)
 - Subsurface Drain (606)
 - Tree/Shrub Establishment (612)
 - Tree/Shrub Site Preparation (490)
 - Underground Outlet (620)
 - Watering Facility (614)
- Soil Erosion: Ephemeral Gully Erosion
 - Access Control (472)
 - Access Road (560)
 - Brush Management (314)
 - Conservation Cover (327)

Conservation Crop Rotation (328)
Contour Buffer Strips (332)
Contour Farming (330)
Cover Crop (340)
Critical Area Planting (342)
Diversion (362)
Field Border (386)
Firebreak (394)
Forest Stand Improvement (666)
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)
Residue Mgmt, Reduced Till (345)
Residue Mgmt-No-Till (329)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Road/Trail/Landing Closure and Treatment (654)
Roof Runoff Structure (558)
Sediment Basin (350)
Silvopasture Establishment (381)
Stripcropping (585)
Subsurface Drain (606)
Tree/Shrub Establishment (612)
Tree/Shrub Site Preparation (490)
Underground Outlet (620)
Waste Transfer (634)
Water Well (642)
Watering Facility (614)
Windbreak/Shelterbelt Establishment (380)

Soil Erosion: Sheet and Rill Erosion

Access Control (472)
Brush Management (314)
Conservation Cover (327)
Conservation Crop Rotation (328)
Contour Buffer Strips (332)
Contour Farming (330)
Cover Crop (340)
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)
Residue Mgmt, Reduced Till (345)
Residue Mgmt-No-Till (329)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roof Runoff Structure (558)
Silvopasture Establishment (381)
Stripcropping (585)
Subsurface Drain (606)
Tree/Shrub Establishment (612)
Tree/Shrub Site Preparation (490)
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)
 - Contour Buffer Strips (332)
 - Critical Area Planting (342)
 - Diversion (362)
 - Fence (382)
 - Field Border (386)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Herbaceous Weed Control (315)
 - Mulching (484)
 - Pond (378)
 - Prescribed Burning (338)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Road/Trail/Landing Closure and Treatment (654)
 - Roof Runoff Structure (558)
 - Silvopasture Establishment (381)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Subsurface Drain (606)
 - Tree/Shrub Establishment (612)
 - Underground Outlet (620)
 - Watering Facility (614)
- Soil Erosion: Wind Erosion
 - Access Control (472)
 - Brush Management (314)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Cover Crop (340)
 - Critical Area Planting (342)
 - Drainage Water Management (554)
 - Field Border (386)
 - Firebreak (394)
 - Forage and Biomass Planting (512)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Herbaceous Weed Control (315)
 - Mulching (484)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Residue Mgmt, Reduced Till (345)
 - Residue Mgmt-No-Till (329)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Silvopasture Establishment (381)
 - Stripcropping (585)
 - Tree/Shrub Establishment (612)
 - Tree/Shrub Site Preparation (490)
 - 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)
 - Conservation Crop Rotation (328)
 - Cover Crop (340)
 - Critical Area Planting (342)
 - Drainage Water Management (554)

- 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)
- Residue Mgmt, Reduced Till (345)
- Residue Mgmt-No-Till (329)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Spring Development (574)
- Subsurface Drain (606)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Waste Storage Facility (313)
- Waste Transfer (634)
- Waste Treatment (629)
- Waste Treatment Lagoon (359)
- Wetland Enhancement (659)
- Windbreak/Shelterbelt Establishment (380)
- Soil Quality Degradation: Organic Matter Depletion
 - Access Control (472)
 - Amendments for Treatment of Ag Waste (591)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Contour Buffer Strips (332)
 - Contour Farming (330)
 - Cover Crop (340)
 - Critical Area Planting (342)
 - Drainage Water Management (554)
 - Field Border (386)
 - Filter Strip (393)
 - Firebreak (394)
 - Forage and Biomass Planting (512)
 - Grassed Waterway (412)
 - Hedgerow Planting (422)
 - Mulching (484)
 - Nutrient Management (590)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Residue Mgmt, Reduced Till (345)
 - Residue Mgmt-No-Till (329)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Silvopasture Establishment (381)
 - Stripcropping (585)
 - 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)
 - Riparian Forest Buffer (391)

- Riparian Herbaceous Cover (390)
- Silvopasture Establishment (381)
- 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)
- Contour Buffer Strips (332)
- Cover Crop (340)
- Drainage Water Management (554)
- Filter Strip (393)
- Karst Sinkhole Treatment (527)
- Nutrient Management (590)
- Pond Sealing - Clay Treatment (521D)
- Pond Sealing or Lining, Bentonite Sealant (521C)
- Pond Sealing or Lining, Flexible Membrane (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)
- Water Well Decommissioning (351)
- Watering Facility (614)

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)
- Brush Management (314)
- Composting Facility (317)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Cover Crop (340)
- Diversion (362)
- Drainage Water Management (554)
- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Forage and Biomass Planting (512)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Karst Sinkhole Treatment (527)
- Nutrient Management (590)
- Pond (378)
- Prescribed Grazing (528)
- Residue Mgmt, Reduced Till (345)
- Residue Mgmt-No-Till (329)
- 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)
- Stripcropping (585)
- 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)

Water Quality Degradation: Excessive Sediment in Surface Water

- Access Control (472)
- Access Road (560)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Cover Crop (340)
- 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)
- Karst Sinkhole Treatment (527)
- Lined Waterway or Outlet (468)
- Mulching (484)
- Pond (378)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Residue Mgmt, Reduced Till (345)
- Residue Mgmt-No-Till (329)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Road/Trail/Landing Closure and Treatment (654)
- Roof Runoff Structure (558)
- Sediment Basin (350)
- Silvopasture Establishment (381)
- Spring Development (574)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Stripcropping (585)
- Structure for Water Control (587)
- Subsurface Drain (606)
- Trails and Walkways (575)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Watering Facility (614)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- 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)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Cover Crop (340)
- Critical Area Planting (342)
- Diversion (362)
- Drainage Water Management (554)
- Field Border (386)
- Filter Strip (393)
- 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 Membrane (521A)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Residue Mgmt-No-Till (329)
- 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)
- Water 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 Digestor (366)
- Animal Mortality Facility (316)
- Composting Facility (317)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Cover Crop (340)
- Critical Area Planting (342)
- Drainage Water Management (554)
- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Forage and Biomass Planting (512)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Karst Sinkhole Treatment (527)

- 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)
- Residue Mgmt, Reduced Till (345)
- Residue Mgmt-No-Till (329)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Roof Runoff Structure (558)
- Roofs and Covers (367)
- Sediment Basin (350)
- Silvopasture Establishment (381)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Stripcropping (585)
- 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)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Windbreak/Shelterbelt Establishment (380)
- Water Quality Degradation: Pesticides in Groundwater
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Contour Farming (330)
 - Cover Crop (340)
 - Diversion (362)
 - Drainage Water Management (554)
 - Field Border (386)
 - Filter Strip (393)
 - 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)
 - Water Well Decommissioning (351)
 - Wetland Creation (658)
 - Wetland Enhancement (659)
 - Wetland Restoration (657)