

## Ranking Tool Summary

### for FY2017 - FY17 Organic Transition

(Released 12/08/2016 )

#### Description:

Through the Environmental Quality Incentives Program (EQIP) National Organic Initiative, NRCS will assist eligible producers with installation of conservation practices on agricultural operations related to organic production. NRCS has determined that this definition includes certified organic producers. Certified organic producers must provide NRCS with a copy of their USDA NOP organic certificate or proof of good standing from a USDA-accredited certifying agent; certification must be maintained for the life of the contract.

#### Land Uses:

Associated Agriculture Land, Crop, Farmstead, Forest, Pasture

#### Efficiency Score:

Scoring Multiplier: 100.000

#### 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		If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering "Yes" to the following question. Answering "Yes" to question 1a will result in the application being awarded the maximum amount of points that can be earned for the state priority category.	
	1	a Is the program application for development of a Conservation Activity Plan (CAP) for a TSP prepared Transition to Organic Plan (138)? If answer is "Yes", do not answer any other state level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	400
2		Soil Quality Degradation: Maximum 60 points.	
	2	Does the EQIP Schedule of Operations includes implementation of one or more soil quality or enhancing practice(s) that addresses soil tilth, crusting, water infiltration, organic matter, compaction, etc.?	60
3		Soil Erosion: Maximum of 60 points	
	3	Does the EQIP Schedule of Operations include practices that will result in reduction of erosion?	60
4		Water Quality Degradation: Maximum of 70 points.	
	4	a Does the EQIP Schedule of operations include implementation of practices for the management of noxious and invasive species ONLY on "non-cropland" acreage?	35
	4	b Does the EQIP Schedule of Operations include implementation of Nutrient management for management of soil fertility, plant nutrients, and soil amendments?	35
5		Degraded Habitat : Maximum of 90 points	
	5	a Does the EQIP Schedule of Operations include practices that will result in creation of buffer zones that will mitigate offsite contaminates from entering the farm?	20
	5	b Does the EQIP Schedule of Operations include practices with the intent of increasing habitat for pollinators and/or beneficial insects?	50
	5	c Does the EQIP Schedule of Operations include practices that will improve wildlife habitat?	20
6		Insufficient Water: Maximum of 50 points.	
	6	Does the EQIP Schedule of Operations include practices that will improve the efficiency of an existing irrigation system and/or conserve soil moisture?	50
7		Livestock Production Limitation: Maximum of 70 points	
	7	a Does the EQIP Schedule of Operations include implementation of practices to improve the management of plant species, livestock, residues, feed, and other identified resource needs?	40
	7	b Does the EQIP Schedule of Operations include implementation of practices that limit and manage domestic livestock access to streams, creeks, and other natural water bodies?	20
	7	c Does the EQIP Schedule of Operations include implementation of practices to assure adequate domestic livestock drinking water sources (not including streams) are available in the treatment unit?	10

		Maximum Points:	Total Points	800
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**Local Issues:**

Scoring Multiplier: 1.000

Questions:

Sub-heading Number	Question Number	Question	Points	
1		Geographic and Resource Priorities: Virginia 12-Digit HUCS containing TMDL Streams: Prioritized by Non-Point Source Pollution Risks from Agriculture. Only one yes allowed for questions 1-3.		
	1	Within a High Priority HUC	200	
	2	Within a Medium Priority HUC	150	
	3	Within a Low Priority HUC	100	
2		Geographic and Resource Priorities: Chesapeake Bay		
	2	The area being considered is within the Chesapeake Bay Watershed.	25	
3		Threatened and Endangered Species		
	1	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.	25	
Maximum Points: 250			Total Points	500

**Selected Resource Concerns and Practices:**

Air Quality Impacts: Emissions of Particulate Matter (PM) and PM Precursors

- Access Control (472)
- Access Road (560)
- Amendments for Treatment of Ag Waste (591)
- Composting Facility (317)
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Cover Crop (340)
- Critical Area Planting (342)
- Drainage Water Management (554)
- Field Border (386)
- Filter Strip (393)
- Firebreak (394)
- Forage and Biomass Planting (512)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Irrigation System, Microirrigation (441)
- Irrigation Water Management (449)
- Mulching (484)
- Nutrient Management (590)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Residue and Tillage Management, No-Till (329)
- Residue and Tillage Management, Reduced (345)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Roofs and Covers (367)
- Silvopasture Establishment (381)
- Stripcropping (585)
- Trails and Walkways (575)
- 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)
- Windbreak/Shelterbelt Establishment (380)
- Air Quality Impacts: Objectionable Odors
- Amendments for Treatment of Ag Waste (591)
- Anaerobic Digester (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)
- Windbreak/Shelterbelt Establishment (380)
- Degraded Plant Condition: Excessive Plant Pest Pressure
- Access Control (472)
- Brush Management (314)
- Composting Facility (317)
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Cover Crop (340)
- Critical Area Planting (342)
- Firebreak (394)
- Grassed Waterway (412)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Irrigation System, Microirrigation (441)
- Irrigation Water Management (449)
- Mulching (484)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Waste Transfer (634)
- Windbreak/Shelterbelt Establishment (380)
- Degraded Plant Condition: Inadequate Structure and Composition
- Access Control (472)
- Brush Management (314)
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Controlled Traffic Farming (334)
- Cover Crop (340)
- Critical Area Planting (342)
- 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)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Silvopasture Establishment (381)

Streambank and Shoreline Protection (580)  
Tree/Shrub Establishment (612)  
Tree/Shrub Site Preparation (490)  
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 Plan Supporting Organic Tra (138)  
Contour Buffer Strips (332)  
Contour Farming (330)  
Controlled Traffic Farming (334)  
Cover Crop (340)  
Critical Area Planting (342)  
Diversion (362)  
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)  
Irrigation Pipeline (430)  
Irrigation System, Microirrigation (441)  
Irrigation Water Management (449)  
Livestock Pipeline (516)  
Mulching (484)  
Nutrient Management (590)  
Pond (378)  
Pond Sealing or Lining, Compacted Soil T (520)  
Pond Sealing or Lining, Concrete (522)  
Pond Sealing or Lining, Flexible Membran (521A)  
Prescribed Burning (338)  
Prescribed Grazing (528)  
Pumping Plant (533)  
Residue and Tillage Management, No-Till (329)  
Residue and Tillage Management, Reduced (345)  
Riparian Forest Buffer (391)  
Riparian Herbaceous Cover (390)  
Silvopasture Establishment (381)  
Spring Development (574)  
Streambank and Shoreline Protection (580)  
Stripcropping (585)  
Subsurface Drain (606)  
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)  
Windbreak/Shelterbelt Establishment (380)  
Excess Water: Runoff, Flooding, or Ponding  
Access Control (472)  
Access Road (560)  
Brush Management (314)  
Conservation Cover (327)  
Contour Buffer Strips (332)  
Contour Farming (330)  
Cover Crop (340)  
Diversion (362)

Drainage Water Management (554)  
 Field Border (386)  
 Forage and Biomass Planting (512)  
 Grassed Waterway (412)  
 Heavy Use Area Protection (561)  
 Irrigation System, Microirrigation (441)  
 Karst Sinkhole Treatment (527)  
 Lined Waterway or Outlet (468)  
 Mulching (484)  
 Pond (378)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Pumping Plant (533)  
 Residue and Tillage Management, No-Till (329)  
 Residue and Tillage Management, Reduced (345)  
 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)  
 Stripcropping (585)  
 Structure for Water Control (587)  
 Subsurface Drain (606)  
 Trails and Walkways (575)  
 Underground Outlet (620)  
 Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Cover/Shelter  
 Access Control (472)  
 Brush Management (314)  
 Conservation Cover (327)  
 Contour Buffer Strips (332)  
 Cover Crop (340)  
 Critical Area Planting (342)  
 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)  
 Pond (378)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Residue and Tillage Management, No-Till (329)  
 Residue and Tillage Management, Reduced (345)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Sediment Basin (350)  
 Silvopasture Establishment (381)  
 Streambank and Shoreline Protection (580)  
 Stripcropping (585)  
 Trails and Walkways (575)  
 Tree/Shrub Establishment (612)  
 Windbreak/Shelterbelt Establishment (380)  
 Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Food  
 Access Control (472)  
 Brush Management (314)  
 Conservation Cover (327)  
 Contour Buffer Strips (332)  
 Cover Crop (340)  
 Critical Area Planting (342)  
 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)  
 Pond (378)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Residue and Tillage Management, No-Till (329)  
 Residue and Tillage Management, Reduced (345)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Sediment Basin (350)  
 Silvopasture Establishment (381)  
 Streambank and Shoreline Protection (580)  
 Stripcropping (585)  
 Trails and Walkways (575)  
 Tree/Shrub Establishment (612)  
 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)  
 Contour Buffer Strips (332)  
 Cover Crop (340)  
 Critical Area Planting (342)  
 Drainage Water Management (554)  
 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)  
 Residue and Tillage Management, No-Till (329)  
 Residue and Tillage Management, Reduced (345)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Silvopasture Establishment (381)  
 Spring Development (574)  
 Streambank and Shoreline Protection (580)  
 Stripcropping (585)  
 Tree/Shrub Establishment (612)  
 Watering Facility (614)  
 Windbreak/Shelterbelt Establishment (380)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Water

Access Control (472)  
 Drainage Water Management (554)  
 Grade Stabilization Structure (410)  
 Grassed Waterway (412)  
 Irrigation System, Microirrigation (441)  
 Pond (378)  
 Pond Sealing or Lining, Compacted Soil T (520)  
 Pond Sealing or Lining, Concrete (522)  
 Pond Sealing or Lining, Flexible Membran (521A)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Sediment Basin (350)  
 Spring Development (574)  
 Structure for Water Control (587)  
 Trails and Walkways (575)

- Water Well (642)
- Watering Facility (614)
- Insufficient Water: Inefficient Use of Irrigation Water
  - Access Road (560)
  - Amendments for Treatment of Ag Waste (591)
  - Controlled Traffic Farming (334)
  - Cover Crop (340)
  - Diversion (362)
  - Herbaceous Weed Control (315)
  - Irrigation Pipeline (430)
  - Irrigation System, Microirrigation (441)
  - Irrigation Water Management (449)
  - Mulching (484)
  - Pond (378)
  - Pond Sealing or Lining, Compacted Soil T (520)
  - Pond Sealing or Lining, Concrete (522)
  - Pond Sealing or Lining, Flexible Membran (521A)
  - Pumping Plant (533)
  - Residue and Tillage Management, No-Till (329)
  - Residue and Tillage Management, Reduced (345)
  - 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)
  - Contour Buffer Strips (332)
  - Cover Crop (340)
  - Drainage Water Management (554)
  - Fence (382)
  - Forage and Biomass Planting (512)
  - Grassed Waterway (412)
  - Herbaceous Weed Control (315)
  - Irrigation System, Microirrigation (441)
  - Irrigation Water Management (449)
  - Nutrient Management (590)
  - Prescribed Burning (338)
  - Prescribed Grazing (528)
  - 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)
  - Windbreak/Shelterbelt Establishment (380)
- Livestock Production Limitation: Inadequate Shelter
  - Access Control (472)
  - Hedgerow Planting (422)
  - Prescribed Burning (338)
  - Prescribed Grazing (528)
  - Silvopasture Establishment (381)
  - Tree/Shrub Establishment (612)
  - Windbreak/Shelterbelt Establishment (380)
- Livestock Production Limitation: Inadequate Water
  - Amendments for Treatment of Ag Waste (591)
  - Livestock Pipeline (516)
  - Pond (378)

- Pond Sealing or Lining, Compacted Soil T (520)
- Pond Sealing or Lining, Concrete (522)
- 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)
- 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)
- 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)
- Watering Facility (614)

Soil Erosion: Ephemeral Gully Erosion

- Access Control (472)
- Access Road (560)
- Brush Management (314)
- Conservation Cover (327)
- Cover Crop (340)
- 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)
- 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)
- Trails and Walkways (575)

- 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)
  - Access Road (560)
  - Brush Management (314)
  - Conservation Cover (327)
  - 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 and Tillage Management, No-Till (329)
  - Residue and Tillage Management, Reduced (345)
  - Riparian Forest Buffer (391)
  - Riparian Herbaceous Cover (390)
  - Roof Runoff Structure (558)
  - Silvopasture Establishment (381)
  - Stripcropping (585)
  - Subsurface Drain (606)
  - Trails and Walkways (575)
  - 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)
  - Critical Area Planting (342)
  - Diversion (362)
  - Field Border (386)
  - Grade Stabilization Structure (410)
  - Grassed Waterway (412)
  - Herbaceous Weed Control (315)
  - 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)
  - Streambank and Shoreline Protection (580)
  - Subsurface Drain (606)
  - Trails and Walkways (575)
  - Tree/Shrub Establishment (612)
  - Underground Outlet (620)
  - Watering Facility (614)
- Soil Erosion: Wind Erosion

Access Control (472)  
 Brush Management (314)  
 Conservation Cover (327)  
 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)  
 Irrigation Water Management (449)  
 Mulching (484)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Residue and Tillage Management, No-Till (329)  
 Residue and Tillage Management, Reduced (345)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Silvopasture Establishment (381)  
 Stripcropping (585)  
 Subsurface Drain (606)  
 Trails and Walkways (575)  
 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)  
 Controlled Traffic Farming (334)  
 Cover Crop (340)  
 Critical Area Planting (342)  
 Drainage Water Management (554)  
 Fence (382)  
 Field Border (386)  
 Firebreak (394)  
 Forage and Biomass Planting (512)  
 Heavy Use Area Protection (561)  
 Hedgerow Planting (422)  
 Nutrient Management (590)  
 Prescribed Grazing (528)  
 Residue and Tillage Management, No-Till (329)  
 Residue and Tillage Management, Reduced (345)  
 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)  
 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)  
 Irrigation Water Management (449)  
 Mulching (484)  
 Nutrient Management (590)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Residue and Tillage Management, No-Till (329)  
 Residue and Tillage Management, Reduced (345)  
 Riparian Forest Buffer (391)  
 Riparian Herbaceous Cover (390)  
 Silvopasture Establishment (381)  
 Stripcropping (585)  
 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)  
 Windbreak/Shelterbelt Establishment (380)

Water Quality Degradation: Elevated Water Temperature

Access Control (472)  
 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)  
 Irrigation Pipeline (430)  
 Irrigation System, Microirrigation (441)  
 Irrigation Water Management (449)  
 Karst Sinkhole Treatment (527)  
 Nutrient Management (590)  
 Pond Sealing or Lining, Compacted Soil T (520)  
 Pond Sealing or Lining, Concrete (522)  
 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)
- 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)
- Irrigation Pipeline (430)
- Irrigation System, Microirrigation (441)
- Irrigation Water Management (449)
- Karst Sinkhole Treatment (527)
- Nutrient Management (590)
- Pond (378)
- Prescribed Grazing (528)
- Residue and Tillage Management, No-Till (329)
- Residue and Tillage Management, Reduced (345)
- 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)
- 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)

Water Quality Degradation: Excessive Sediment in Surface Water

- Access Control (472)
- Access Road (560)
- Brush Management (314)
- Conservation Cover (327)
- 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)  
 Irrigation Pipeline (430)  
 Irrigation System, Microirrigation (441)  
 Irrigation Water Management (449)  
 Karst Sinkhole Treatment (527)  
 Lined Waterway or Outlet (468)  
 Mulching (484)  
 Pond (378)  
 Prescribed Burning (338)  
 Prescribed Grazing (528)  
 Residue and Tillage Management, No-Till (329)  
 Residue and Tillage Management, Reduced (345)  
 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)  
 Structure for Water Control (587)  
 Subsurface Drain (606)  
 Trails and Walkways (575)  
 Tree/Shrub Establishment (612)  
 Tree/Shrub Site Preparation (490)  
 Watering Facility (614)  
 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)  
   Contour Buffer Strips (332)  
   Contour Farming (330)  
   Cover Crop (340)  
   Critical Area Planting (342)  
   Denitrifying Bioreactor (605)  
   Diversion (362)  
   Drainage Water Management (554)  
   Field Border (386)  
   Filter Strip (393)  
   Irrigation System, Microirrigation (441)  
   Irrigation Water Management (449)  
   Karst Sinkhole Treatment (527)  
   Lined Waterway or Outlet (468)  
   Mulching (484)  
   Nutrient Management (590)  
   Pond (378)  
   Pond Sealing or Lining, Compacted Soil T (520)  
   Pond Sealing or Lining, Concrete (522)  
   Pond Sealing or Lining, Flexible Membran (521A)  
   Prescribed Burning (338)  
   Prescribed Grazing (528)  
   Residue and Tillage Management, 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)  
 Well Decommissioning (351)  
 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)  
   Contour Buffer Strips (332)  
   Contour Farming (330)  
   Cover Crop (340)  
   Critical Area Planting (342)  
   Denitrifying Bioreactor (605)  
   Drainage Water Management (554)  
   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 System, Microirrigation (441)  
   Irrigation Water Management (449)  
   Karst Sinkhole Treatment (527)  
   Mulching (484)  
   Nutrient Management (590)  
   Pond (378)  
   Pond Sealing or Lining, Compacted Soil T (520)  
   Pond Sealing or Lining, Concrete (522)  
   Pond Sealing or Lining, Flexible Membran (521A)  
   Prescribed Burning (338)  
   Prescribed Grazing (528)  
   Residue and Tillage Management, No-Till (329)  
   Residue and Tillage Management, Reduced (345)  
   Riparian Forest Buffer (391)  
   Riparian Herbaceous Cover (390)  
   Roof Runoff Structure (558)  
   Saturated Buffer (604)  
   Sediment Basin (350)  
   Silvopasture Establishment (381)  
   Stream Crossing (578)  
   Streambank and Shoreline Protection (580)  
   Stripcropping (585)  
   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)  
   Windbreak/Shelterbelt Establishment (380)  
 Water Quality Degradation: Pesticides in Groundwater  
   Conservation Cover (327)  
   Contour Farming (330)  
   Cover Crop (340)

- Diversion (362)
- Drainage Water Management (554)
- Field Border (386)
- Filter Strip (393)
- Irrigation System, Microirrigation (441)
- 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)

Water Quality Degradation: Pesticides in Surface Water

- Access Control (472)
- Brush Management (314)
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Cover Crop (340)
- Diversion (362)
- Drainage Water Management (554)
- Field Border (386)
- Filter Strip (393)
- Forage and Biomass Planting (512)
- Grassed Waterway (412)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Irrigation System, Microirrigation (441)
- Irrigation Water Management (449)
- Karst Sinkhole Treatment (527)
- Mulching (484)
- Prescribed Grazing (528)
- Residue and Tillage Management, No-Till (329)
- Residue and Tillage Management, Reduced (345)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Silvopasture Establishment (381)
- Stripcropping (585)
- Subsurface Drain (606)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Underground Outlet (620)
- Windbreak/Shelterbelt Establishment (380)