

Ranking Tool Summary

for FY2007 - Eastern Panhandle LWG Cropland

(Released 12/14/2006)

Description:

Land Uses:

Crop, Forest, Hay, Headquarters, Natural Area, Pasture, Wildlife

Efficiency Score:

Scoring Multiplier: 1.00

Scoring Ranges and Results Text:

High: 100 - 75	Medium: 74 - 50	Low: 49 - 25
The application addresses most resource concerns.	The application addresses some resource concerns	The application addresses few resource concerns.

National Priorities:

Scoring Multiplier: 1.00

Scoring Ranges and Results Text:

High: 35 - 25	Medium: 24 - 15	Low: 14 - 5
The application addresses at least four national resource concerns.	The application addresses two or three national resource concerns	The application addresses one national resource concern.

Questions:

Number	Question	Points
1	Will the treatment you intend to implement using EQIP result in considerable reductions of non-point source pollution, such as nutrients, sediment, pesticides, excess salinity in impaired watersheds consistent with TMDL's where available as well as the reduction of groundwater contamination or point source such as contamination from confined animal feeding operations?	10

2	Will the treatment you intend to implement using EQIP result in the conservation of a considerable amount of ground or surface water resources?	5
3	Will the treatment you intend to implement using EQIP result in a considerable reduction of emissions, such as particulate matter, nitrogen oxides (NOx), volatile organic compounds, and ozone precursors and depleters that contribute to air quality impairment violations of National Ambient Air Quality Standards?	5
4	Will the treatment you intend to implement using EQIP result in a considerable reduction in soil erosion and sedimentation from unacceptable levels on agricultural land?	10
5	Will the treatment you intend to implement using EQIP result in a considerable increase in the promotion of at-risk species habitat conservation?	5
	Total Points	35

State Issues:

Scoring Multiplier: 1.00

Scoring Ranges and Results Text:

High: 30 - 24	Medium: 23 - 12	Low: 11 - 6
The application addresses at least four state resource concerns.	The application addresses two or three state resource concerns	The application addresses one state resource concern.

Questions:

Number	Question	Points
1	Will implementation of the items in the EQIP contract bring the management of the associated land unit to the RMS level?	6
2	Is the land unit specified in this application covered under an existing conservation plan which includes the practices to be included in the EQIP contract?	6
3	Will the implementation of the EQIP contract address resource concerns associated with livestock which are overwintered on the land unit.	6
4	Has the applicant completed , without cancellation or termination except for NRCS reasons, all Farm Bill Program contracts held prior to this application? Answer yes if this is the first contract for this applicant.	6

5	Is the applicant completing contract items as scheduled in all existing contracts held by the applicant? Answer yes if this is the first contract for this applicant.	6
	Total Points	30

Local Issues:

Scoring Multiplier: 1.00

Scoring Ranges and Results Text:

High: 25 - 20	Medium: 19 - 15	Low: 14 - 5
The application addresses at least four local resource concerns.	The application addresses two or three local resource concerns.	The application addresses one local resource concern.

Questions:

Number	Question	Points
1	Will the items installed through the contract facilitate increasing the level of management on grasslands to a rotational grazing system or a management intensive grazing system?	10
2	Will items installed through this contract help to control the presence and spread of unwanted invasive species on the operating unit?	5
3	Will livestock be excluded from environmentally sensitive areas on the operating unit with measures implemented under this contract?	10
Total Points		25

Selected Resource Concerns and Practices:

Air Quality: Ammonia (NH₃)

- Animal Mortality Facility (316)
- Manure Transfer (634)
- Nutrient Management (590)
- Prescribed Grazing (528)
- Residue Management, Seasonal (344)
- Tree/Shrub Site Preparation (490)

Air Quality: Chemical Drift

- Alley Cropping (311)
- Forest Stand Improvement (666)
- Pest Management (595)
- Tree/Shrub Site Preparation (490)

Air Quality: Objectionable Odors

- Agrichemical Handling Facility (702)
- Animal Mortality Facility (316)
- Closure of Waste Impoundment (360)
- Composting Facility (317)
- Field Border (386)
- Manure Transfer (634)
- Nutrient Management (590)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Use Exclusion (472)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Waste Utilization (633)
- Windbreak/Shelterbelt Establishment (380)

Air Quality: Undesirable Air Movement

- Alley Cropping (311)
- Field Border (386)
- Forest Stand Improvement (666)
- Riparian Forest Buffer (391)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Windbreak/Shelterbelt Establishment (380)

Domestic Animals: Inadequate Quantities and Quality of Feed and Forage

- Brush Management (314)
- Cover Crop (340)
- Critical Area Planting (342)
- Forage Harvest Management (511)
- Nutrient Management (590)

- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Subsurface Drain (606)
- Surface Drainage, Field Ditch (607)
- Surface Drainage, Main or Lateral (608)
- Use Exclusion (472)
- Waste Utilization (633)

Domestic Animals: Inadequate Shelter

- Heavy Use Area Protection (561)
- Tree/Shrub Site Preparation (490)
- Windbreak/Shelterbelt Establishment (380)

Domestic Animals: Inadequate Stock Water

- Pipeline (516)
- Pond (378)
- Pond Sealing or Lining, Bentonite Sealan (521C)
- Pond Sealing or Lining, Flexible Membran (521A)
- Pond Sealing or Lining, Soil Dispersant (521B)
- Pumping Plant (533)
- Spring Development (574)
- Tree/Shrub Establishment (612)
- Water Harvesting Catchment (636)
- Water Well (642)
- Watering Facility (614)

Domestic Animals: Stress and Mortality

- Access Road (560)
- Agrichemical Handling Facility (702)
- Animal Mortality Facility (316)
- Animal Trails and Walkways (575)
- Composting Facility (317)
- Heavy Use Area Protection (561)
- Pasture and Hay Planting (512)
- Pipeline (516)
- Pond (378)
- Pond Sealing or Lining, Bentonite Sealan (521C)
- Pond Sealing or Lining, Flexible Membran (521A)
- Pond Sealing or Lining, Soil Dispersant (521B)
- Prescribed Grazing (528A)
- Pumping Plant (533)
- Roof Runoff Structure (558)
- Spring Development (574)
- Stream Crossing (578)
- Stream Crossing (728)
- Tree/Shrub Establishment (612)

- Tree/Shrub Site Preparation (490)
- Use Exclusion (472)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Waste Utilization (633)
- Water Harvesting Catchment (636)
- Water Well (642)
- Watering Facility (614)
- Windbreak/Shelterbelt Establishment (380)

Fish and Wildlife: Habitat Fragmentation

- Field Border (386)

Fish and Wildlife: Inadequate Cover/Shelter

- Aquaculture Ponds (397)
- Channel Bank Vegetation (322)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Field Border (386)
- Filter Strip (393)

Fish and Wildlife: Inadequate Food

- Conservation Crop Rotation (328)
- Cover Crop (340)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Field Border (386)
- Filter Strip (393)

Fish and Wildlife: Inadequate Water

- Aquaculture Ponds (397)

Fish and Wildlife: T&E Species: Declining Species, Species of Concern

- Filter Strip (393)
- Forage Harvest Management (511)
- Nutrient Management (590)
- Pest Management (595)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Residue Management, Seasonal (344)
- Restoration and Management of Declining (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Shallow Water Management for Wildlife (646)
- Stream Crossing (578)
- Stream Crossing (728)

Stream Habitat Improvement and Management (395)

Tree/Shrub Establishment (612)

Upland Wildlife Habitat Management (645)

Use Exclusion (472)

Wetland Restoration (657)

Wetland Wildlife Habitat Management (644)

Fish and Wildlife: Threatened and Endangered Fish and Wildlife Species

Filter Strip (393)

Nutrient Management (590)

Pest Management (595)

Prescribed Grazing (528)

Prescribed Grazing (528A)

Restoration and Management of Declining (643)

Riparian Forest Buffer (391)

Riparian Herbaceous Cover (390)

Shallow Water Management for Wildlife (646)

Stream Crossing (578)

Stream Crossing (728)

Tree/Shrub Establishment (612)

Upland Wildlife Habitat Management (645)

Use Exclusion (472)

Wetland Restoration (657)

Wetland Wildlife Habitat Management (644)

Plant Condition: Forage Quality and Palatability

Brush Management (314)

Conservation Crop Rotation (328)

Cover Crop (340)

Critical Area Planting (342)

Forage Harvest Management (511)

Nutrient Management (590)

Pasture and Hay Planting (512)

Pest Management (595)

Prescribed Grazing (528)

Prescribed Grazing (528A)

Use Exclusion (472)

Plant Condition: Noxious and Invasive Plants

Brush Management (314)

Channel Bank Vegetation (322)

Conservation Crop Rotation (328)

Critical Area Planting (342)

Forage Harvest Management (511)

Forest Stand Improvement (666)

Mulching (484)

- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Residue Management, Seasonal (344)

Plant Condition: Plants not adapted or suited

- Alley Cropping (311)
- Brush Management (314)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Forage Harvest Management (511)
- Forest Stand Improvement (666)
- Land Clearing (460)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Recreation Area Improvement (562)
- Riparian Forest Buffer (391)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Use Exclusion (472)
- Wetland Restoration (657)

Plant Condition: Productivity, Health and Vigor

- Agrichemical Handling Facility (702)
- Brush Management (314)
- Conservation Crop Rotation (328)
- Contour Farming (330)
- Cover Crop (340)
- Critical Area Planting (342)
- Diversion (362)
- Early Successional Habitat Development/M (647)
- Forage Harvest Management (511)
- Forest Stand Improvement (666)
- Grassed Waterway (412)
- Hedgerow Planting (422)
- Irrigation System, Microirrigation (441)
- Irrigation System, Sprinkler (442)
- Irrigation Water Management (449)
- Mulching (484)
- Nutrient Management (590)

Pasture and Hay Planting (512)
Pest Management (595)
Prescribed Grazing (528)
Prescribed Grazing (528A)
Residue Management, Seasonal (344)
Stripcropping (585)
Stripcropping, Field (586)
Structure for Water Control (587)
Subsurface Drain (606)
Surface Drainage, Field Ditch (607)
Surface Drainage, Main or Lateral (608)
Terrace (600)
Tree/Shrub Establishment (612)
Tree/Shrub Pruning (660)
Tree/Shrub Site Preparation (490)
Use Exclusion (472)
Wetland Restoration (657)
Windbreak/Shelterbelt Establishment (380)

Plant Condition: T&E Plant Species: Declining Species, Species of Concern

Restoration and Management of Declining (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Shallow Water Management for Wildlife (646)
Stream Crossing (578)
Stream Crossing (728)
Stream Habitat Improvement and Managemen (395)
Use Exclusion (472)
Wetland Restoration (657)

Plant Condition: Threatened and Endangered Plant Species

Restoration and Management of Declining (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Shallow Water Management for Wildlife (646)
Stream Crossing (578)
Stream Crossing (728)
Stream Habitat Improvement and Managemen (395)
Use Exclusion (472)
Wetland Restoration (657)

Soil Condition: Compaction

Alley Cropping (311)
Animal Trails and Walkways (575)
Channel Bank Vegetation (322)
Contour Farming (330)

Contour Orchard and Other Fruit Area (331)
Cover Crop (340)
Critical Area Planting (342)
Deep Tillage (324)
Forage Harvest Management (511)
Forest Trails and Landings (655)
Nutrient Management (590)
Pasture and Hay Planting (512)
Prescribed Grazing (528)
Prescribed Grazing (528A)
Recreation Trail and Walkway (568)
Residue Management, Seasonal (344)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Spring Development (574)
Stream Crossing (578)
Stream Crossing (728)
Stripcropping (585)
Stripcropping, Field (586)
Terrace (600)
Tree/Shrub Establishment (612)
Tree/Shrub Site Preparation (490)
Use Exclusion (472)
Windbreak/Shelterbelt Establishment (380)

Soil Condition: Contaminants - Residual Pesticides

Agrichemical Handling Facility (702)
Conservation Crop Rotation (328)
Contour Buffer Strips (332)
Cover Crop (340)
Critical Area Planting (342)
Field Border (386)
Filter Strip (393)
Forage Harvest Management (511)
Pasture and Hay Planting (512)
Pest Management (595)
Residue Management, Seasonal (344)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)

Soil Condition: Contaminants-Animal Waste and Other Organics - N

Closure of Waste Impoundment (360)
Composting Facility (317)
Cover Crop (340)
Deep Tillage (324)

- Forage Harvest Management (511)
- Heavy Use Area Protection (561)
- Manure Transfer (634)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Residue Management, Seasonal (344)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Waste Utilization (633)
- Wastewater Treatment Strip (635)

Soil Condition: Contaminants-Animal Waste and Other Organics - P

- Closure of Waste Impoundment (360)
- Composting Facility (317)
- Cover Crop (340)
- Deep Tillage (324)
- Forage Harvest Management (511)
- Heavy Use Area Protection (561)
- Manure Transfer (634)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Residue Management, Seasonal (344)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Waste Utilization (633)
- Wastewater Treatment Strip (635)

Soil Condition: Contaminants-Commercial Fertilizer - N

- Animal Mortality Facility (316)
- Channel Bank Vegetation (322)
- Contour Buffer Strips (332)
- Cover Crop (340)
- Field Border (386)

- Forage Harvest Management (511)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Residue Management, Seasonal (344)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Waste Utilization (633)
- Wastewater Treatment Strip (635)

Soil Condition: Contaminants-Commercial Fertilizer - P

- Animal Mortality Facility (316)
- Channel Bank Vegetation (322)
- Contour Buffer Strips (332)
- Cover Crop (340)
- Field Border (386)
- Forage Harvest Management (511)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Residue Management, Seasonal (344)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Waste Utilization (633)
- Wastewater Treatment Strip (635)

Soil Condition: Damage from Sediment Deposition

- Channel Bank Vegetation (322)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Cover Crop (340)
- Critical Area Planting (342)
- Field Border (386)
- Filter Strip (393)
- Forage Harvest Management (511)

Forest Trails and Landings (655)
Grade Stabilization Structure (410)
Grassed Waterway (412)
Obstruction Removal (500)
Prescribed Grazing (528)
Prescribed Grazing (528A)
Residue Management, Seasonal (344)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Sediment Basin (350)
Streambank and Shoreline Protection (580)
Stripcropping (585)
Stripcropping, Field (586)
Structure for Water Control (587)
Terrace (600)
Tree/Shrub Establishment (612)
Use Exclusion (472)

Soil Condition: Organic Matter Depletion

Conservation Crop Rotation (328)
Contour Buffer Strips (332)
Contour Farming (330)
Contour Orchard and Other Fruit Area (331)
Cover Crop (340)
Critical Area Planting (342)
Deep Tillage (324)
Forage Harvest Management (511)
Forest Slash Treatment (384)
Hedgerow Planting (422)
Manure Transfer (634)
Mulching (484)
Nutrient Management (590)
Pasture and Hay Planting (512)
Prescribed Grazing (528)
Prescribed Grazing (528A)
Recreation Trail and Walkway (568)
Residue Management, Seasonal (344)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Stripcropping (585)
Stripcropping, Field (586)
Terrace (600)
Tree/Shrub Establishment (612)
Tree/Shrub Site Preparation (490)

Use Exclusion (472)

Wastewater Treatment Strip (635)

Water and Sediment Control Basin (638)

Wetland Restoration (657)

Wetland Wildlife Habitat Management (644)

Windbreak/Shelterbelt Establishment (380)

Soil Erosion: Classic Gully

Conservation Crop Rotation (328)

Critical Area Planting (342)

Dam, Diversion (348)

Diversion (362)

Forage Harvest Management (511)

Forest Trails and Landings (655)

Grade Stabilization Structure (410)

Grassed Waterway (412)

Lined Waterway or Outlet (468)

Open Channel (582)

Pasture and Hay Planting (512)

Pond (378)

Prescribed Grazing (528)

Prescribed Grazing (528A)

Recreation Area Improvement (562)

Recreation Land Grading and Shaping (566)

Riparian Herbaceous Cover (390)

Structure for Water Control (587)

Terrace (600)

Use Exclusion (472)

Soil Erosion: Ephemeral Gully

Access Road (560)

Alley Cropping (311)

Channel Bank Vegetation (322)

Conservation Crop Rotation (328)

Contour Buffer Strips (332)

Contour Farming (330)

Contour Orchard and Other Fruit Area (331)

Critical Area Planting (342)

Diversion (362)

Forage Harvest Management (511)

Forest Trails and Landings (655)

Grassed Waterway (412)

Heavy Use Area Protection (561)

Hillside Ditch (423)

Land Smoothing (466)

- Lined Waterway or Outlet (468)
- Open Channel (582)
- Pasture and Hay Planting (512)
- Pond (378)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Recreation Area Improvement (562)
- Recreation Land Grading and Shaping (566)
- Recreation Trail and Walkway (568)
- Residue Management, Seasonal (344)
- Riparian Herbaceous Cover (390)
- Roof Runoff Structure (558)
- Stream Crossing (578)
- Stream Crossing (728)
- Toxic Salt Reduction (610)
- Use Exclusion (472)
- Wetland Restoration (657)
- Windbreak/Shelterbelt Establishment (380)

Soil Erosion: Mass Movement

- Critical Area Planting (342)
- Diversion (362)
- Land Smoothing (466)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Recreation Land Grading and Shaping (566)
- Recreation Trail and Walkway (568)
- Spoil Spreading (572)
- Streambank and Shoreline Protection (580)
- Structure for Water Control (587)
- Subsurface Drain (606)
- Surface Drainage, Field Ditch (607)
- Surface Drainage, Main or Lateral (608)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Use Exclusion (472)

Soil Erosion: Road, Road Sides and Construction Sites

- Access Road (560)
- Critical Area Planting (342)
- Forest Trails and Landings (655)
- Heavy Use Area Protection (561)
- Recreation Area Improvement (562)
- Recreation Land Grading and Shaping (566)

Recreation Trail and Walkway (568)
Roof Runoff Structure (558)
Sediment Basin (350)
Stream Crossing (578)
Stream Crossing (728)
Structure for Water Control (587)
Use Exclusion (472)

Soil Erosion: Sheet and Rill

Access Road (560)
Alley Cropping (311)
Channel Bank Vegetation (322)
Conservation Crop Rotation (328)
Contour Buffer Strips (332)
Contour Farming (330)
Contour Orchard and Other Fruit Area (331)
Cover Crop (340)
Critical Area Planting (342)
Diversion (362)
Early Successional Habitat Development/M (647)
Feed Management (592)
Field Border (386)
Filter Strip (393)
Firebreak (394)
Forage Harvest Management (511)
Forest Stand Improvement (666)
Forest Trails and Landings (655)
Heavy Use Area Protection (561)
Hedgerow Planting (422)
Hillside Ditch (423)
Land Smoothing (466)
Mulching (484)
Nutrient Management (590)
Pasture and Hay Planting (512)
Pest Management (595)
Prescribed Grazing (528)
Prescribed Grazing (528A)
Recreation Area Improvement (562)
Recreation Land Grading and Shaping (566)
Recreation Trail and Walkway (568)
Residue Management, Seasonal (344)
Restoration and Management of Declining (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)

Shallow Water Management for Wildlife (646)
Stream Crossing (578)
Stream Crossing (728)
Stripcropping (585)
Stripcropping, Field (586)
Structure for Water Control (587)
Subsurface Drain (606)
Terrace (600)
Tree/Shrub Establishment (612)
Tree/Shrub Site Preparation (490)
Upland Wildlife Habitat Management (645)
Use Exclusion (472)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Wildlife Watering Facility (648)
Windbreak/Shelterbelt Establishment (380)

Soil Erosion: Streambank

Animal Trails and Walkways (575)
Channel Bank Vegetation (322)
Critical Area Planting (342)
Forage Harvest Management (511)
Forest Slash Treatment (384)
Obstruction Removal (500)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Stream Crossing (578)
Stream Crossing (728)
Stream Habitat Improvement and Management (395)
Streambank and Shoreline Protection (580)
Tree/Shrub Establishment (612)
Use Exclusion (472)

Water Quality: Excessive Nutrients and Organics in Groundwater

Animal Mortality Facility (316)
Closure of Waste Impoundment (360)
Composting Facility (317)
Conservation Crop Rotation (328)
Contour Farming (330)
Cover Crop (340)
Feed Management (592)
Filter Strip (393)
Forage Harvest Management (511)
Grassed Waterway (412)
Heavy Use Area Protection (561)

- Manure Transfer (634)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Residue Management, Seasonal (344)
- Riparian Forest Buffer (391)
- Shallow Water Management for Wildlife (646)
- Spring Development (574)
- Stream Crossing (578)
- Stream Crossing (728)
- Stripcropping (585)
- Use Exclusion (472)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Waste Utilization (633)
- Wastewater Treatment Strip (635)
- Wetland Restoration (657)

Water Quality: Excessive Nutrients and Organics in Surface Water

- Animal Trails and Walkways (575)
- Closure of Waste Impoundment (360)
- Composting Facility (317)
- Conservation Crop Rotation (328)
- Contour Farming (330)
- Contour Orchard and Other Fruit Area (331)
- Cover Crop (340)
- Critical Area Planting (342)
- Feed Management (592)
- Field Border (386)
- Filter Strip (393)
- Forage Harvest Management (511)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Hillside Ditch (423)
- Manure Transfer (634)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Residue Management, Seasonal (344)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)

- Roof Runoff Structure (558)
- Shallow Water Management for Wildlife (646)
- Spring Development (574)
- Stream Crossing (578)
- Stream Crossing (728)
- Stream Habitat Improvement and Management (395)
- Streambank and Shoreline Protection (580)
- Stripcropping (585)
- Stripcropping, Field (586)
- Subsurface Drain (606)
- Terrace (600)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Use Exclusion (472)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Waste Utilization (633)
- Wastewater Treatment Strip (635)
- Wetland Restoration (657)

Water Quality: Excessive Suspended Sediment and Turbidity in Surface Water

- Animal Trails and Walkways (575)
- Channel Bank Vegetation (322)
- Composting Facility (317)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Contour Orchard and Other Fruit Area (331)
- Cover Crop (340)
- Critical Area Planting (342)
- Dam, Diversion (348)
- Field Border (386)
- Filter Strip (393)
- Grade Stabilization Structure (410)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Hillside Ditch (423)
- Lined Waterway or Outlet (468)
- Mulching (484)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Recreation Area Improvement (562)
- Residue Management, Seasonal (344)

- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Stream Crossing (578)
- Stream Crossing (728)
- Streambank and Shoreline Protection (580)
- Stripcropping (585)
- Stripcropping, Field (586)
- Structure for Water Control (587)
- Terrace (600)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Use Exclusion (472)
- Wastewater Treatment Strip (635)
- Wetland Restoration (657)

Water Quality: Harmful Levels of Heavy Metals in Surface Water

- Conservation Crop Rotation (328)
- Cover Crop (340)
- Critical Area Planting (342)
- Field Border (386)
- Filter Strip (393)
- Nutrient Management (590)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Shallow Water Management for Wildlife (646)
- Stream Habitat Improvement and Management (395)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Wetland Restoration (657)

Water Quality: Harmful Levels of Pathogens in Groundwater

- Animal Mortality Facility (316)
- Closure of Waste Impoundment (360)
- Composting Facility (317)
- Diversion (362)
- Forage Harvest Management (511)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Roof Runoff Structure (558)
- Shallow Water Management for Wildlife (646)
- Use Exclusion (472)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Waste Utilization (633)

Wastewater Treatment Strip (635)

Water Quality: Harmful Levels of Pesticides in Groundwater

Agrichemical Handling Facility (702)

Filter Strip (393)

Grassed Waterway (412)

Pasture and Hay Planting (512)

Pest Management (595)

Prescribed Grazing (528)

Prescribed Grazing (528A)

Residue Management, Seasonal (344)

Riparian Forest Buffer (391)

Water Quality: Harmful Levels of Pesticides in Surface Water

Agrichemical Handling Facility (702)

Filter Strip (393)

Grassed Waterway (412)

Pasture and Hay Planting (512)

Pest Management (595)

Prescribed Grazing (528)

Prescribed Grazing (528A)

Residue Management, Seasonal (344)

Riparian Forest Buffer (391)

Shallow Water Management for Wildlife (646)

Streambank and Shoreline Protection (580)

Terrace (600)

Tree/Shrub Establishment (612)

Wetland Restoration (657)

Water Quantity: Excessive Runoff, Flooding, or Ponding

Channel Bank Vegetation (322)

Conservation Crop Rotation (328)

Contour Farming (330)

Contour Orchard and Other Fruit Area (331)

Cover Crop (340)

Dam (402)

Dam, Diversion (348)

Dike (356)

Diversion (362)

Forest Trails and Landings (655)

Grassed Waterway (412)

Hillside Ditch (423)

Lined Waterway or Outlet (468)

Pumping Plant (533)

Riparian Forest Buffer (391)

Riparian Herbaceous Cover (390)

- Roof Runoff Structure (558)
- Sediment Basin (350)
- Structure for Water Control (587)
- Subsurface Drain (606)
- Surface Drainage, Field Ditch (607)
- Surface Drainage, Main or Lateral (608)
- Terrace (600)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Underground Outlet (620)
- Water and Sediment Control Basin (638)
- Wetland Restoration (657)

Water Quantity: Excessive Subsurface Water

- Structure for Water Control (587)
- Subsurface Drain (606)
- Surface Drainage, Field Ditch (607)
- Surface Drainage, Main or Lateral (608)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)

Water Quantity: Inefficient Water Use on Irrigated Land

- Alley Cropping (311)
- Conservation Crop Rotation (328)
- Dam, Diversion (348)
- Diversion (362)
- Forage Harvest Management (511)
- Grade Stabilization Structure (410)
- Irrigation System, Microirrigation (441)
- Irrigation System, Sprinkler (442)
- Irrigation Water Conveyance, Pipeline, H (430DD)
- Irrigation Water Conveyance, Pipeline, L (430EE)
- Irrigation Water Management (449)
- Mulching (484)
- Pond (378)
 - Pond Sealing or Lining, Bentonite Sealant (521C)
 - Pond Sealing or Lining, Flexible Membrane (521A)
 - Pond Sealing or Lining, Soil Dispersant (521B)
- Pumping Plant (533)
- Residue Management, Seasonal (344)
- Spring Development (574)
- Underground Outlet (620)
- Water Harvesting Catchment (636)
- Water Well (642)
- Windbreak/Shelterbelt Establishment (380)

Water Quantity: Reduced Storage of Water Bodies by Sediment Accumulation

- Animal Trails and Walkways (575)
- Clearing and Snagging (326)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Contour Orchard and Other Fruit Area (331)
- Cover Crop (340)
- Critical Area Planting (342)
- Dam, Diversion (348)
- Diversion (362)
- Filter Strip (393)
- Forest Trails and Landings (655)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Mulching (484)
- Pond (378)
- Prescribed Grazing (528)
- Prescribed Grazing (528A)
- Recreation Trail and Walkway (568)
- Residue Management, Seasonal (344)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Sediment Basin (350)
- Stream Crossing (578)
- Stream Crossing (728)
- Streambank and Shoreline Protection (580)
- Stripcropping (585)
- Stripcropping, Field (586)
- Surface Drainage, Field Ditch (607)
- Surface Drainage, Main or Lateral (608)
- Terrace (600)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Use Exclusion (472)
- Water and Sediment Control Basin (638)
- Water Well (642)
- Watering Facility (614)
- Wetland Restoration (657)