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Ranking Tool Summary

for FY2012 - FY12 Cropland Northern Tier

(Released 02/17/2012)

Description:

Land Uses:

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

Efficiency Score:

Scoring Multiplier: 66.660

Optional Notes:

National Priorities:

Scoring Multiplier: 1.000

Questions:

Number	Question	Points
1	a. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	15
1	b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated impaired water body?	10
1	c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a water body?	5
2	a. Increase groundwater recharge in identified groundwater depletion areas (http://water.usgs.gov/ogw/rasa/html/TOC.html)?	15
2	b. Conserve water from irrigation system improvements and result in estimated water savings of at least 5% and saved water will be available for other beneficial uses?	10
2	c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	5
3	a. Meet regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	15
3	b. Reduce green house gases such as methane, nitrous oxide, and volatile organic compounds (VOC)?	15
3	c. Increase carbon sequestration?	5
4	a. Reduce erosion to tolerable limits (Soil "T")?	15
5	a. Benefit threatened and endangered, at-risk, candidate, or species of concern as identified in a State wildlife plan?	15
5	b. Retain wildlife and plant benefits on land exiting the Conservation Reserve Program (CRP)?	15
6	a. Eradicate or control noxious or invasive species?	10
6	b. Increase, improve or establish pollinator habitat?	10
6	c. Implement precision agricultural methods?	10
6	d. Properly dispose of animal carcasses?	5
6	e. Implement an Integrated Pest Management plan?	5
7	a. Reduce energy consumption on the agricultural operation?	15
7	b. Increase on-farm energy efficiency with more efficient equipment?	10
7	c. Assist in implementing energy conservation measures that reduce emissions from GHGs and air pollutants?	10
8	a. Implementation of all planned conservation practices within three years of contract	10

	obligation?	
8	b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted, or will complete an existing conservation system?	10
9	a. If the applicant has an existing EQIP contract, has it been, and is it now, on schedule and in full compliance?	5
9	b. Did the applicant successfully complete any past contract(s) in full compliance?	5
9	c. Is this the applicant's first EQIP application?	5
	Total Points	250

State Issues:

Scoring Multiplier: 1.000

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Does the site where the practice is to be applied have a high or moderately high runoff potential as identified in the Maryland Soil Runoff Risk Assessment GIS layer? If Yes, will the planned practice reduce the risk of nutrient or chemical loss due to runoff?	100
	2	Does the predominant soil where the practice is to be applied have a high leaching potential as identified in the Maryland Soil Leaching Risk Assessment GIS layer? If Yes, will the planned practice reduce the risk of nutrient or chemical oss due to leaching?	100
	3	Does the predominant soil where the practice is to be applied have a Moderately High leaching potential as identified in the Maryland Soil Leaching Risk Assessment GIS layer? If Yes, will the planned practice reduce the risk of nutrient or chemical loss due to leaching?	50
	4	Is the planned practice less than 50 feet from surface water? If Yes, will the planned practice reduce the risk of nutrient or sediment transport to surface water?	100
	5	Is the planned practice between 50 and 150 feet from surface water? If Yes, will the planned practice reduce the risk of nutrient or sediment transport to surface water?	50
	6	Is the the predominant acreage of the tract within an impaired area that is in the 75th percentile or greater for BOTH Nitrogen and Phosphorous yields delivered to the Chesapeake Bay?	200
	7	Is the the predominant acreage of the tract within an impaired area that is in the 75th percentile or greater for Nitrogen or Phosphorous yields delivered to the Chesapeake Bay?	125
	8	Is the the predominant acreage of the tract within an impaired area that is between the 50-75th percentile or greater for BOTH Nitrogen and Phosphorous yields delivered to the Chesapeake Bay? If one Nutrient is greater than the 75 percentile and the other is in the 50-75 percentile range, Answer this question Yes.	150
	9	Is the the predominant acreage of the tract with in an impaired area that is between the 50-75th percentile for Nitrogen or Phosphorous yields delivered to the Chesapeake Bay?	75
	10	Does the application include a practice identified as an AVOIDING measure? (Avoid practices include 313, 316, 317, 327, 342, 359, 366, 410, 412, 468, 472, 590, 612, 629, 632, 633, 634)	50
	11	Does the application include a practice identified as a CONTROLING measure? (Control practices include 328, 329, 340, 345, 360, 362, 382, 386, 511, 512, 528, 558, 561, 579, 580, 587, 591, 600, 614)	35
	12	Does the application include a practice identified as a TRAPPING measure?	25

		(TRAP measures include 350, 378, 380, 390, 391, 393, 422, 635, 646, 657, 658)	
		Maximum Points: Total Points	1060

Local Issues:

Scoring Multiplier: 1.000
Questions:

Sub-heading Number	Question Number	Question	Points
	1	Does the applicant have a conservation plan?	25
	2	Does the applicant have a conservation plan that contains the practice they are applying for?	75
	3	Does the applicant have a current CNMP which contains the practice (s) they are applying for?	100
	4	In the last 3 years, has the applicant completed all previous Farm Bill contracts with out any terminations, cancellations, requests to cancell, or not had any contracts at all?	100
	5	Has the applicant had a previous Farm Bill contract terminated with in the last 3 years?	-250
		Maximum Points: Total Points	50

Selected Resource Concerns and Practices:

Air Quality: Ammonia (NH3)
- Agrichemical Handling Facility (309)
- Amendments for Treatment of Ag Waste (591)
- Cover Crop (340)
- Drainage Water Management (554)
- Nutrient Management (590)
- Roofs and Covers (367)
- Waste Storage Facility (313)
- Waste Utilization (633)
- Windbreak/Shelterbelt Establishment (380)

Air Quality: Chemical Drift
- Alley Cropping (311)
- Integrated Pest Management (595)
- Tree/Shrub Establishment (612)

Air Quality: Excessive Greenhouse Gas - CH4 (methane)
- Anaerobic Digestor, Controlled Temp. (366)
- Roofs and Covers (367)

Air Quality: Excessive Greenhouse Gas - CO2 (carbon dioxide)
- Alley Cropping (311)
- Conservation Crop Rotation (328)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Drainage Water Management (554)
- Mulching (484)
- Vegetated Treatment Area (635)
- Waste Utilization (633)

Air Quality: Excessive Greenhouse Gas - N2O (nitrous oxide)
- Nutrient Management (590)
- Waste Utilization (633)

Air Quality: Excessive Ozone
- Nutrient Management (590)

Air Quality: Objectionable Odors

- Animal Mortality Facility (316)
- Composting Facility (317)
- Integrated Pest Management (595)
- Roofs and Covers (367)
- Waste Utilization (633)

Air Quality: Particulate matter less than 2.5 micrometers in diameter (PM 2.5)

- Alley Cropping (311)
- Anaerobic Digestor, Controlled Temp. (366)
- Cover Crop (340)
- Critical Area Planting (342)
- Drainage Water Management (554)
- Field Border (386)
- Filter Strip (393)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Integrated Pest Management (595)
- Irrigation System, Microirrigation (441)
- Irrigation System, Sprinkler (442)
- Irrigation Water Management (449)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Stripcropping (585)
- Tree/Shrub Establishment (612)
- Windbreak/Shelterbelt Establishment (380)

Domestic Animals: Inadequate Quantities and Quality of Feed and Forage

- Alley Cropping (311)
- Drainage Water Management (554)
- Feed Management (592)
- Fence (382)
- Forage Harvest Management (511)

Domestic Animals: Inadequate Stock Water

- Irrigation Reservoir (436)
- Pipeline (516)
- Pumping Plant (533)
- Spring Development (574)
- Water Well (642)
- Watering Facility (614)

Domestic Animals: Stress and Mortality

- Access Control (472)
- Animal Trails and Walkways (575)
- Forage Harvest Management (511)
- Irrigation Reservoir (436)

Fish and Wildlife: Habitat Fragmentation

- Access Control (472)
- Alley Cropping (311)
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Field Border (386)
- Filter Strip (393)
- Fish Passage (396)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Restoration and Management of Rare and D (643)

- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Shallow Water Development and Management (646)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)
- Wetland Restoration (657)

Fish and Wildlife: Imbalance Among and Within Populations
- Alley Cropping (311)
- Fish Passage (396)
- Herbaceous Weed Control (315)
- Irrigation Reservoir (436)
- Stream Habitat Improvement and Managemen (395)

Fish and Wildlife: Inadequate Cover/Shelter
- Access Control (472)
- Alley Cropping (311)
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Field Border (386)
- Filter Strip (393)
- Fish Passage (396)
- Forage Harvest Management (511)
- Forest Stand Improvement (666)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Restoration and Management of Rare and D (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Shallow Water Development and Management (646)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)
- Wetland Restoration (657)
- Windbreak/Shelterbelt Establishment (380)

Fish and Wildlife: Inadequate Food
- Access Control (472)
- Alley Cropping (311)
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Field Border (386)
- Filter Strip (393)
- Fish Passage (396)
- Forage Harvest Management (511)
- Forest Stand Improvement (666)
- Hedgerow Planting (422)
- Irrigation Reservoir (436)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Restoration and Management of Rare and D (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Shallow Water Development and Management (646)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)

- Upland Wildlife Habitat Management (645)
- Wetland Restoration (657)

Fish and Wildlife: Inadequate Space
- Access Control (472)
- Alley Cropping (311)
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Critical Area Planting (342)
- Drainage Water Management (554)
- Early Successional Habitat Development/M (647)
- Field Border (386)
- Filter Strip (393)
- Fish Passage (396)
- Forage Harvest Management (511)
- Forest Stand Improvement (666)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Restoration and Management of Rare and D (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Shallow Water Development and Management (646)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)
- Wetland Restoration (657)

Fish and Wildlife: Inadequate Water
- Access Control (472)
- Conservation Cover (327)
- Drainage Water Management (554)
- Irrigation Reservoir (436)
- Shallow Water Development and Management (646)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Wetland Restoration (657)

Fish and Wildlife: T&E Species: Declining Species, Species of Concern
- Access Control (472)
- Conservation Cover (327)
- Early Successional Habitat Development/M (647)
- Field Border (386)
- Filter Strip (393)
- Fish Passage (396)
- Hedgerow Planting (422)
- Restoration and Management of Rare and D (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Shallow Water Development and Management (646)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Upland Wildlife Habitat Management (645)
- Wetland Restoration (657)

Fish and Wildlife: Threatened and Endangered Fish and Wildlife Species
- Access Control (472)
- Conservation Cover (327)
- Early Successional Habitat Development/M (647)
- Filter Strip (393)
- Restoration and Management of Rare and D (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Shallow Water Development and Management (646)

- Streambank and Shoreline Protection (580)
- Upland Wildlife Habitat Management (645)
- Wetland Restoration (657)

Plant Condition: Forage Quality and Palatability
- Alley Cropping (311)
- Forage Harvest Management (511)
- Herbaceous Weed Control (315)
- Pasture and Hay Planting (512)

Plant Condition: Noxious and Invasive Plants
- Alley Cropping (311)
- Brush Management (314)
- Forage Harvest Management (511)
- Herbaceous Weed Control (315)
- Tree/Shrub Establishment (612)

Plant Condition: Plants not adapted or suited
- Access Control (472)
- Alley Cropping (311)
- Brush Management (314)
- Early Successional Habitat Development/M (647)
- Forage Harvest Management (511)
- Forest Stand Improvement (666)
- Herbaceous Weed Control (315)
- Pasture and Hay Planting (512)
- Restoration and Management of Rare and D (643)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)
- Vegetated Treatment Area (635)
- Wetland Creation (658)
- Wetland Restoration (657)

Plant Condition: Productivity, Health and Vigor
- Access Control (472)
- Alley Cropping (311)
- Contour Farming (330)
- Drainage Water Management (554)
- Forage Harvest Management (511)
- Forest Stand Improvement (666)
- Herbaceous Weed Control (315)
- Irrigation Reservoir (436)
- Tree/Shrub Establishment (612)

Plant Condition: T&E Plant Species: Declining Species, Species of Concern
- Restoration and Management of Rare and D (643)

Plant Condition: Threatened and Endangered Plant Species
- Restoration and Management of Rare and D (643)

Soil Condition: Compaction
- Access Control (472)
- Alley Cropping (311)
- Forage Harvest Management (511)
- Pasture and Hay Planting (512)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)

Soil Condition: Contaminants - Residual Pesticides
- Agrichemical Handling Facility (309)
- Alley Cropping (311)
- Forage Harvest Management (511)
- Integrated Pest Management (595)

Soil Condition: Contaminants - Salts and Other Chemicals
- Agrichemical Handling Facility (309)
- Alley Cropping (311)
- Herbaceous Weed Control (315)

Mulching (484)
Soil Condition: Contaminants-Animal Waste and Other Organics - K
Access Control (472)
Alley Cropping (311)
Composting Facility (317)
Nutrient Management (590)
Prescribed Grazing (528)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Solid/Liquid Waste Separation Facility (632)
Waste Storage Facility (313)
Waste Treatment Lagoon (359)
Wetland Creation (658)
Soil Condition: Contaminants-Animal Waste and Other Organics - N
Access Control (472)
Alley Cropping (311)
Composting Facility (317)
Cover Crop (340)
Drainage Water Management (554)
Nutrient Management (590)
Prescribed Grazing (528)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Solid/Liquid Waste Separation Facility (632)
Waste Storage Facility (313)
Waste Treatment Lagoon (359)
Wetland Creation (658)
Soil Condition: Contaminants-Animal Waste and Other Organics - P
Access Control (472)
Alley Cropping (311)
Composting Facility (317)
Nutrient Management (590)
Prescribed Grazing (528)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Solid/Liquid Waste Separation Facility (632)
Waste Storage Facility (313)
Waste Treatment Lagoon (359)
Wetland Creation (658)
Soil Condition: Contaminants-Commercial Fertilizer - K
Access Control (472)
Alley Cropping (311)
Nutrient Management (590)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Solid/Liquid Waste Separation Facility (632)
Waste Storage Facility (313)
Waste Treatment Lagoon (359)
Wetland Creation (658)
Soil Condition: Contaminants-Commercial Fertilizer - N
Access Control (472)
Alley Cropping (311)
Cover Crop (340)
Drainage Water Management (554)
Nutrient Management (590)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Solid/Liquid Waste Separation Facility (632)
Waste Storage Facility (313)
Waste Treatment Lagoon (359)
Wetland Creation (658)

Soil Condition: Contaminants-Commercial Fertilizer - P
- Access Control (472)
- Alley Cropping (311)
- Nutrient Management (590)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Solid/Liquid Waste Separation Facility (632)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Wetland Creation (658)

Soil Condition: Damage from Sediment Deposition
- Access Control (472)
- Alley Cropping (311)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Diversion (362)
- Forage Harvest Management (511)
- Herbaceous Weed Control (315)
- Mulching (484)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Roof Runoff Structure (558)
- Sediment Basin (350)
- Terrace (600)
- Water and Sediment Control Basin (638)

Soil Condition: Organic Matter Depletion
- Access Control (472)
- Alley Cropping (311)
- 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)
- Forage Harvest Management (511)
- Grassed Waterway (412)
- Herbaceous Weed Control (315)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Stripcropping (585)

Soil Erosion: Classic Gully
- Alley Cropping (311)
- Conservation Cover (327)
- Contour Farming (330)
- Critical Area Planting (342)
- Diversion (362)
- Grade Stabilization Structure (410)
- Grassed Waterway (412)
- Herbaceous Weed Control (315)
- Irrigation Reservoir (436)
- Lined Waterway or Outlet (468)
- Mulching (484)

- Pasture and Hay Planting (512)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Roof Runoff Structure (558)
- Sediment Basin (350)
- Terrace (600)
- Underground Outlet (620)
- Water and Sediment Control Basin (638)

Soil Erosion: Ephemeral Gully
- Access Control (472)
- Alley Cropping (311)
- 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)
- Forage Harvest Management (511)
- Grade Stabilization Structure (410)
- Grassed Waterway (412)
- Herbaceous Weed Control (315)
- Lined Waterway or Outlet (468)
- Mulching (484)
- Pasture and Hay Planting (512)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Roof Runoff Structure (558)
- Terrace (600)
- Water and Sediment Control Basin (638)

Soil Erosion: Irrigation-induced
- Herbaceous Weed Control (315)
- Irrigation System, Microirrigation (441)
- Irrigation System, Sprinkler (442)
- Irrigation System, Tailwater Recovery (447)
- Irrigation Water Management (449)
- Mulching (484)

Soil Erosion: Sheet and Rill
- Access Control (472)
- Alley Cropping (311)
- 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)
- Forage Harvest Management (511)
- Herbaceous Weed Control (315)
- Mulching (484)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Residue Mgmt, Mulch Till (345)
- Residue Mgmt-No-Till/Strip Till/Direct S (329)
- Riparian Forest Buffer (391)

- Riparian Herbaceous Cover (390)
- Roof Runoff Structure (558)
- Stripcropping (585)
- Terrace (600)
- Water and Sediment Control Basin (638)

Soil Erosion: Streambank
- Access Control (472)
- Fish Passage (396)
- Herbaceous Weed Control (315)
- Irrigation Reservoir (436)
- Mulching (484)
- Stream Crossing (578)
- Stream Habitat Improvement and Managemen (395)
- Streambank and Shoreline Protection (580)
- Watering Facility (614)

Water Quality: Excessive Nutrients and Organics in Groundwater
- Access Control (472)
- Agrichemical Handling Facility (309)
- Alley Cropping (311)
- Anaerobic Digestor, Controlled Temp. (366)
- Animal Mortality Facility (316)
- Closure of Waste Impoundment (360)
- Composting Facility (317)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Critical Area Planting (342)
- Feed Management (592)
- Field Border (386)
- Filter Strip (393)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Irrigation System, Microirrigation (441)
- Irrigation System, Sprinkler (442)
- Irrigation System, Tailwater Recovery (447)
- Irrigation Water Conveyance, Pipeline, H (430DD)
- Irrigation Water Management (449)
- Manure Transfer (634)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Roof Runoff Structure (558)
- Solid/Liquid Waste Separation Facility (632)
- Tree/Shrub Establishment (612)
- Waste Storage Facility (313)
- Waste Treatment Lagoon (359)
- Windbreak/Shelterbelt Establishment (380)

Water Quality: Excessive Nutrients and Organics in Surface Water
- Access Control (472)
- Agrichemical Handling Facility (309)
- Alley Cropping (311)
- Amendments for Treatment of Ag Waste (591)
- Animal Mortality Facility (316)
- Closure of Waste Impoundment (360)
- Composting Facility (317)
- Compre Nutrient Mgmt Plan - Written (102)
- 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)
Feed Management (592)
Fence (382)
Field Border (386)
Filter Strip (393)
Grassed Waterway (412)
Heavy Use Area Protection (561)
Hedgerow Planting (422)
Irrigation System, Microirrigation (441)
Irrigation System, Sprinkler (442)
Irrigation System, Tailwater Recovery (447)
Irrigation Water Conveyance, Pipeline, H (430DD)
Irrigation Water Management (449)
Manure Transfer (634)
Mulching (484)
Nutrient Management (590)
Pasture and Hay Planting (512)
Prescribed Grazing (528)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roof Runoff Structure (558)
Sediment Basin (350)
Shallow Water Development and Management (646)
Solid/Liquid Waste Separation Facility (632)
Spring Development (574)
Stream Crossing (578)
Stream Habitat Improvement and Managemen (395)
Stripcropping (585)
Structure for Water Control (587)
Tree/Shrub Establishment (612)
Underground Outlet (620)
Vegetated Treatment Area (635)
Waste Storage Facility (313)
Waste Treatment Lagoon (359)
Waste Utilization (633)
Watering Facility (614)
Wetland Creation (658)
Wetland Restoration (657)
Windbreak/Shelterbelt Establishment (380)

Water Quality: Harmful Levels of Pathogens in Groundwater

Access Control (472)
Anaerobic Digestor, Controlled Temp. (366)
Animal Mortality Facility (316)
Closure of Waste Impoundment (360)
Composting Facility (317)
Conservation Cover (327)
Cover Crop (340)
Critical Area Planting (342)
Drainage Water Management (554)
Field Border (386)
Filter Strip (393)
Heavy Use Area Protection (561)
Manure Transfer (634)
Nutrient Management (590)
Pasture and Hay Planting (512)

Prescribed Grazing (528)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roofs and Covers (367)
Solid/Liquid Waste Separation Facility (632)
Tree/Shrub Establishment (612)
Waste Storage Facility (313)
Waste Treatment Lagoon (359)

Water Quality: Harmful Levels of Pathogens in Surface Water
Access Control (472)
Alley Cropping (311)
Anaerobic Digestor, Controlled Temp. (366)
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Contour Farming (330)
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Field Border (386)
Filter Strip (393)
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Nutrient Management (590)
Pasture and Hay Planting (512)
Prescribed Grazing (528)
Residue Mgmt, Mulch Till (345)
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Stripcropping (585)
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Water Quality: Harmful Levels of Pesticides in Groundwater
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Alley Cropping (311)
Conservation Cover (327)
Conservation Crop Rotation (328)
Drainage Water Management (554)
Field Border (386)
Filter Strip (393)
Integrated Pest Management (595)
Irrigation System, Microirrigation (441)
Irrigation System, Sprinkler (442)

Irrigation System, Tailwater Recovery (447)
Irrigation Water Management (449)
Pasture and Hay Planting (512)
Prescribed Grazing (528)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Tree/Shrub Establishment (612)

Water Quality: Harmful Levels of Pesticides in Surface Water
Agrichemical Handling Facility (309)
Alley Cropping (311)
Conservation Cover (327)
Conservation Crop Rotation (328)
Contour Buffer Strips (332)
Contour Farming (330)
Drainage Water Management (554)
Field Border (386)
Filter Strip (393)
Hedgerow Planting (422)
Integrated Pest Management (595)
Irrigation System, Microirrigation (441)
Irrigation System, Sprinkler (442)
Irrigation System, Tailwater Recovery (447)
Irrigation Water Management (449)
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Pasture and Hay Planting (512)
Prescribed Grazing (528)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Riparian Forest Buffer (391)
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Stripcropping (585)
Structure for Water Control (587)
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Alley Cropping (311)
Drainage Water Management (554)
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Water Quantity: Excessive Subsurface Water
Alley Cropping (311)
Drainage Water Management (554)
Subsurface Drain (606)

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Irrigation Reservoir (436)
Irrigation System, Microirrigation (441)
Irrigation System, Sprinkler (442)
Irrigation System, Tailwater Recovery (447)
Irrigation Water Conveyance, Pipeline, H (430DD)

Irrigation Water Management (449)
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