



Ranking Tool Summary for FY2017 -

Description:

NWQI Ranking FY2017

Land Uses:

Crop, Farmstead, Forest, Pasture, Range

Efficiency Score:

Scoring Multiplier: 173.550

Scoring Ranges and Results Text:

High: 100 - 67	Medium: 66 - 34	Low: 33 - 0
This application scores high	This application scores medium	This application scores low

Optional Notes:

National Priorities:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 250 - 140	Medium: 139 - 70	Low: 69 - 0
This application scores high	This application scores medium	This application scores low

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,	10

	PM10)?	
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: 0.630

Scoring Ranges and Results Text:

High: 400 - 270	Medium: 269 - 120	Low: 119 - 0
This application scores high	This application scores medium	This application scores low

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	Is the program application for development of a TSP-prepared Conservation Activity Plan (CAP)? 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		Water Quality – EPA Watersheds:	
	2	Does the application include core conservation practices that will be implemented within ¼ mile of a stream or water body that is threatened (i.e., receives significant runoff of excess nitrogen and/or phosphorous), on the EPA 303(d) list, or is impaired with a TMDL in place and therefore not on the 303(d) list, or specified as a critical stream or water body authorized by the Regional Conservationist?	100
3		Geographic Impacts:	
	3	Are more than 75 percent of the acres treated i. Located within a NWQI watershed AND ii. Do they have at least one core conservation practice planned on them?	125
4		Collaborative Efforts:	

	4	Are core conservation practices planned for the applicant's treated acres within an existing non-USDA water quality project area addressing the same or similar pollutants?	75
5		Effort to address watershed impairments:	
	5	Does this program application include the implementation of a system of conservation practices which address the NWQI primary resource concerns?	50
6		High Risk Soils:	
	6	Are core conservation practices to be implemented on offered acres with a majority of soil types that are classified hydrologic group D (high runoff) or group A (high infiltration)?	50
Maximum Points:			Total Points
			800

Local Issues:

Scoring Multiplier: 1.290

Scoring Ranges and Results Text:

High: 310 - 200	Medium: 199 - 100	Low: 99 - 0
This application scores high	This application scores medium	This application scores low

Questions:

Sub-heading Number	Question Number	Question	Points
1		Conservation Activity Plan (CAP)	
	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 national priority category.	310
2		Integrated Pest Management (Answer YES to only one of the following 1-2.)	
	2	Will this application implement an advanced IPM plan to control local/county/state invasive/noxious pests and weeds? (plan must include maintaining records for scouting, alternative treatment methods, timing of application, least hazardous chemical use, etc.)	30
	3	Will this application implement a basic IPM plan to control local/county/state invasive/noxious pests and weeds? (limited scouting, timing of application & following label required)	10
3		Impaired Water Quality (Answer YES to only one of the following 3-5.)	
	4	Will practices be installed to improve water quality adjacent to and/or located less than 1320 feet from an identified water body (lake, stream, reservoir, TMDL nutrient impaired watershed, etc.) ?	30
	5	Will practices be installed to improve water quality between 1321 and 2640 feet from an identified water body (lake, stream, reservoir, TMDL nutrient impaired watershed, etc.)?	20
	6	Will practices be installed to improve water quality between 2641 and 5280 feet from an identified water body (lake, stream, reservoir, TMDL nutrient impaired watershed, etc. ?	10
4		Grazing Plan (When the riparian area is located within and/or adjacent to grazing lands) - (Answer YES to only one of the following 6-9.)	
	7	Will the cooperater implement use exclusion which will result in no grazing within the identified riparian area?	85
	8	Will the cooperater implement a high intensity, short duration rotational grazing system?	60
	9	Will the cooperater implement a rest rotational grazing system?	40
	10	Will the cooperater implement a deferred rotational grazing system?	20

	11	Will salt blocks and other supplements be rotated within the pasture and placed away from watering facilities and/or riparian areas?	15
	12	Will livestock be fenced away from and/or will watering facilities/feeding areas be located away from any water body to lessen impacts of high concentration?	25
5		Cost Effectiveness (Answer Yes to only one of the following 12-19.)	
	13	Will the cost per linear foot of riparian restoration be <\$15 a foot?	65
	14	Between \$16 and \$25?	60
	15	Between \$26 and \$35?	50
	16	Between \$36 and \$45?	40
	17	Between \$46 and \$55?	30
	18	Between \$56 and \$65?	20
	19	Between \$66 and \$75?	10
	20	>\$76?	5
6		Riparian Buffer Zone (Answer YES to only one of the following 20-23.)	
	21	Is the riparian buffer planned to be 33 feet or less?	5
	22	Is the riparian buffer planned to be 34-100 feet?	20
	23	Is the riparian buffer planned to be 101-300 feet?	35
	24	Is the riparian buffer planned greater than 300 feet?	50
7		Wildlife Benefits (Answer Yes to only one of the following: 24-25)	
	25	Will the project area be located within or adjacent to (less than 1320 feet) of a conservation area identified for the protection of wildlife?	25
	26	Will the project area be located within 1 mile of a conservation area identified for the protection of wildlife?	15
8		Project Monitoring	
	27	Will the project have ecological monitoring conducted by a university, state, federal agency (Non NRCS) or NGO?	25
9		Contract Compliance (if applicable)	
	28	Has the applicant had a Farm Bill Contract terminated for non-compliance?	-100
	29	Does the applicant have an active Farm Bill contract that is currently not on schedule, in non-compliance or practices in arrears?	-50
		Maximum Points: Total Points	960

Selected Resource Concerns and Practices:

- Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Water
- Access Control (472)
- Access Road (560)
- Agrichemical Handling Facility (309)
- Alley Cropping (311)
- Amendments for Treatment of Ag Waste (591)
- Anaerobic Digester (366)
- Animal Mortality Facility (316)
- Brush Management (314)
- Composting Facility (317)
- Comprehensive Nutrient Management Plan - (102)
- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Constructed Wetland (656)
- Contour Buffer Strips (332)
- Contour Farming (330)
- Contour Orchard and Other Perennial Crop (331)
- Cover Crop (340)
- Critical Area Planting (342)
- Cross Wind Ridges (588)

Cross Wind Trap Strips (589C)
Dam (402)
Dike (356)
Diversion (362)
Drainage Water Management (554)
Drainage Water Management Plan - Written (130)
Fence (382)
Field Border (386)
Filter Strip (393)
Forage and Biomass Planting (512)
Forage Harvest Management (511)
Grade Stabilization Structure (410)
Grassed Waterway (412)
Heavy Use Area Protection (561)
Hedgerow Planting (422)
Herbaceous Weed Control (315)
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Hillside Ditch (423)
Integrated Pest Management (IPM) (595)
Irrigation Ditch Lining (428)
Irrigation Land Leveling (464)
Irrigation Pipeline (430)
Irrigation Reservoir (436)
Irrigation System, Microirrigation (441)
Irrigation System, Surface and Subsurfac (443)
Irrigation Water Management (449)
Irrigation Water Management Plan - Writt (118)
Lined Waterway or Outlet (468)
Livestock Pipeline (516)
Mulching (484)
Nutrient Management (590)
Nutrient Management Plan - Written (104)
Open Channel (582)
Pond (378)
Prescribed Burning (338)
Prescribed Grazing (528)
Range Planting (550)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Restoration and Management of Declining (643)
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Roof Runoff Structure (558)
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Surface Drain, Field Ditch (607)
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Tree/Shrub Establishment (612)
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- Vegetated Treatment Area (635)
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- Waste Treatment Lagoon (359)
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- Wetland Creation (658)
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- Windbreak/Shelterbelt Establishment (380)
- Windbreak/Shelterbelt Renovation (650)
- Water Quality Degradation: Elevated Water Temperature
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Grassed Waterway (412)
Heavy Use Area Protection (561)
Hedgerow Planting (422)
Herbaceous Weed Control (315)
Herbaceous Wind Barriers (603)
Hillside Ditch (423)
Integrated Pest Management (IPM) (595)
Irrigation Ditch Lining (428)
Irrigation Land Leveling (464)
Irrigation Pipeline (430)
Irrigation Reservoir (436)
Irrigation System, Microirrigation (441)
Irrigation System, Surface and Subsurfac (443)
Irrigation Water Management (449)
Irrigation Water Management Plan - Writt (118)
Lined Waterway or Outlet (468)
Livestock Pipeline (516)
Mulching (484)
Nutrient Management (590)
Nutrient Management Plan - Written (104)
Open Channel (582)
Pond (378)
Prescribed Burning (338)
Prescribed Grazing (528)
Range Planting (550)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Restoration and Management of Declining (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roof Runoff Structure (558)
Roofs and Covers (367)
Row Arrangement (557)
Sediment Basin (350)
Silvopasture Establishment (381)

Spring Development (574)
Sprinkler System (442)
Stream Crossing (578)
Stream Habitat Improvement and Managemen (395)
Streambank and Shoreline Protection (580)
Stripcropping (585)
Structure for Water Control (587)
Surface Drain, Field Ditch (607)
Surface Drain, Main or Lateral (608)
Surface Roughening (609)
Terrace (600)
Trails and Walkways (575)
Tree/Shrub Establishment (612)
Underground Outlet (620)
Vegetated Treatment Area (635)
Vegetative Barrier (601)
Waste Facility Closure (360)
Waste Recycling (633)
Waste Storage Facility (313)
Waste Transfer (634)
Waste Treatment (629)
Waste Treatment Lagoon (359)
Water and Sediment Control Basin (638)
Water Well (642)
Watering Facility (614)
Waterspreading (640)
Well Decommissioning (351)
Wetland Creation (658)
Wetland Enhancement (659)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Windbreak/Shelterbelt Establishment (380)
Windbreak/Shelterbelt Renovation (650)
Water Quality Degradation: Nutrients in Surface water
Access Control (472)
Access Road (560)
Agrichemical Handling Facility (309)
Alley Cropping (311)
Amendments for Treatment of Ag Waste (591)
Anaerobic Digestor (366)
Animal Mortality Facility (316)
Brush Management (314)
Composting Facility (317)
Comprehensive Nutrient Management Plan - (102)
Conservation Cover (327)
Conservation Crop Rotation (328)
Constructed Wetland (656)
Contour Buffer Strips (332)
Contour Farming (330)
Contour Orchard and Other Perennial Crop (331)
Cover Crop (340)
Critical Area Planting (342)
Cross Wind Ridges (588)
Cross Wind Trap Strips (589C)
Dam (402)
Dike (356)
Diversion (362)
Drainage Water Management (554)
Drainage Water Management Plan - Written (130)
Fence (382)
Field Border (386)

Filter Strip (393)
Forage and Biomass Planting (512)
Forage Harvest Management (511)
Grade Stabilization Structure (410)
Grassed Waterway (412)
Heavy Use Area Protection (561)
Hedgerow Planting (422)
Herbaceous Weed Control (315)
Herbaceous Wind Barriers (603)
Hillside Ditch (423)
Integrated Pest Management (IPM) (595)
Irrigation Ditch Lining (428)
Irrigation Land Leveling (464)
Irrigation Pipeline (430)
Irrigation Reservoir (436)
Irrigation System, Microirrigation (441)
Irrigation System, Surface and Subsurfac (443)
Irrigation Water Management (449)
Irrigation Water Management Plan - Witt (118)
Lined Waterway or Outlet (468)
Livestock Pipeline (516)
Mulching (484)
Nutrient Management (590)
Nutrient Management Plan - Written (104)
Open Channel (582)
Pond (378)
Prescribed Burning (338)
Prescribed Grazing (528)
Range Planting (550)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Restoration and Management of Declining (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roof Runoff Structure (558)
Roofs and Covers (367)
Row Arrangement (557)
Sediment Basin (350)
Silvopasture Establishment (381)
Spring Development (574)
Sprinkler System (442)
Stream Crossing (578)
Stream Habitat Improvement and Managemen (395)
Streambank and Shoreline Protection (580)
Stripcropping (585)
Structure for Water Control (587)
Surface Drain, Field Ditch (607)
Surface Drain, Main or Lateral (608)
Surface Roughening (609)
Terrace (600)
Trails and Walkways (575)
Tree/Shrub Establishment (612)
Underground Outlet (620)
Vegetated Treatment Area (635)
Vegetative Barrier (601)
Waste Facility Closure (360)
Waste Recycling (633)
Waste Storage Facility (313)
Waste Transfer (634)
Waste Treatment (629)
Waste Treatment Lagoon (359)

- Water and Sediment Control Basin (638)
- Water Well (642)
- Watering Facility (614)
- Waterspreading (640)
- Well Decommissioning (351)
- Wetland Creation (658)
- Wetland Enhancement (659)
- Wetland Restoration (657)
- Wetland Wildlife Habitat Management (644)
- Windbreak/Shelterbelt Establishment (380)
- Windbreak/Shelterbelt Renovation (650)
- Water Quality Degradation: Pesticides in Groundwater
 - Access Control (472)
 - Access Road (560)
 - Agrichemical Handling Facility (309)
 - Alley Cropping (311)
 - Amendments for Treatment of Ag Waste (591)
 - Anaerobic Digester (366)
 - Animal Mortality Facility (316)
 - Brush Management (314)
 - Composting Facility (317)
 - Comprehensive Nutrient Management Plan - (102)
 - Conservation Cover (327)
 - Conservation Crop Rotation (328)
 - Constructed Wetland (656)
 - Contour Buffer Strips (332)
 - Contour Farming (330)
 - Contour Orchard and Other Perennial Crop (331)
 - Cover Crop (340)
 - Critical Area Planting (342)
 - Cross Wind Ridges (588)
 - Cross Wind Trap Strips (589C)
 - Dam (402)
 - Dike (356)
 - Diversion (362)
 - Drainage Water Management (554)
 - Drainage Water Management Plan - Written (130)
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Forage and Biomass Planting (512)
 - Forage Harvest Management (511)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Herbaceous Weed Control (315)
 - Herbaceous Wind Barriers (603)
 - Hillside Ditch (423)
 - Integrated Pest Management (IPM) (595)
 - Irrigation Ditch Lining (428)
 - Irrigation Land Leveling (464)
 - Irrigation Pipeline (430)
 - Irrigation Reservoir (436)
 - Irrigation System, Microirrigation (441)
 - Irrigation System, Surface and Subsurfac (443)
 - Irrigation Water Management (449)
 - Irrigation Water Management Plan - Writt (118)
 - Lined Waterway or Outlet (468)
 - Livestock Pipeline (516)
 - Mulching (484)

Nutrient Management (590)
Nutrient Management Plan - Written (104)
Open Channel (582)
Pond (378)
Prescribed Burning (338)
Prescribed Grazing (528)
Range Planting (550)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Restoration and Management of Declining (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roof Runoff Structure (558)
Roofs and Covers (367)
Row Arrangement (557)
Sediment Basin (350)
Silvopasture Establishment (381)
Spring Development (574)
Sprinkler System (442)
Stream Crossing (578)
Stream Habitat Improvement and Managemen (395)
Streambank and Shoreline Protection (580)
Stripcropping (585)
Structure for Water Control (587)
Surface Drain, Field Ditch (607)
Surface Drain, Main or Lateral (608)
Surface Roughening (609)
Terrace (600)
Trails and Walkways (575)
Tree/Shrub Establishment (612)
Underground Outlet (620)
Vegetated Treatment Area (635)
Vegetative Barrier (601)
Waste Facility Closure (360)
Waste Recycling (633)
Waste Storage Facility (313)
Waste Transfer (634)
Waste Treatment (629)
Waste Treatment Lagoon (359)
Water and Sediment Control Basin (638)
Water Well (642)
Watering Facility (614)
Waterspreading (640)
Well Decommissioning (351)
Wetland Creation (658)
Wetland Enhancement (659)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Windbreak/Shelterbelt Establishment (380)
Windbreak/Shelterbelt Renovation (650)
Water Quality Degradation: Pesticides in Surface Water
Access Control (472)
Access Road (560)
Agrichemical Handling Facility (309)
Alley Cropping (311)
Amendments for Treatment of Ag Waste (591)
Anaerobic Digestor (366)
Animal Mortality Facility (316)
Brush Management (314)
Composting Facility (317)
Comprehensive Nutrient Management Plan - (102)

Conservation Cover (327)
Conservation Crop Rotation (328)
Constructed Wetland (656)
Contour Buffer Strips (332)
Contour Farming (330)
Contour Orchard and Other Perennial Crop (331)
Cover Crop (340)
Critical Area Planting (342)
Cross Wind Ridges (588)
Cross Wind Trap Strips (589C)
Dam (402)
Dike (356)
Diversion (362)
Drainage Water Management (554)
Drainage Water Management Plan - Written (130)
Fence (382)
Field Border (386)
Filter Strip (393)
Forage and Biomass Planting (512)
Forage Harvest Management (511)
Grade Stabilization Structure (410)
Grassed Waterway (412)
Heavy Use Area Protection (561)
Hedgerow Planting (422)
Herbaceous Weed Control (315)
Herbaceous Wind Barriers (603)
Hillside Ditch (423)
Integrated Pest Management (IPM) (595)
Irrigation Ditch Lining (428)
Irrigation Land Leveling (464)
Irrigation Pipeline (430)
Irrigation Reservoir (436)
Irrigation System, Microirrigation (441)
Irrigation System, Surface and Subsurfac (443)
Irrigation Water Management (449)
Irrigation Water Management Plan - Writt (118)
Lined Waterway or Outlet (468)
Livestock Pipeline (516)
Mulching (484)
Nutrient Management (590)
Nutrient Management Plan - Written (104)
Open Channel (582)
Pond (378)
Prescribed Burning (338)
Prescribed Grazing (528)
Range Planting (550)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Restoration and Management of Declining (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roof Runoff Structure (558)
Roofs and Covers (367)
Row Arrangement (557)
Sediment Basin (350)
Silvopasture Establishment (381)
Spring Development (574)
Sprinkler System (442)
Stream Crossing (578)
Stream Habitat Improvement and Managemen (395)
Streambank and Shoreline Protection (580)

Stripcropping (585)
Structure for Water Control (587)
Surface Drain, Field Ditch (607)
Surface Drain, Main or Lateral (608)
Surface Roughening (609)
Terrace (600)
Trails and Walkways (575)
Tree/Shrub Establishment (612)
Underground Outlet (620)
Vegetated Treatment Area (635)
Vegetative Barrier (601)
Waste Facility Closure (360)
Waste Recycling (633)
Waste Storage Facility (313)
Waste Transfer (634)
Waste Treatment (629)
Waste Treatment Lagoon (359)
Water and Sediment Control Basin (638)
Water Well (642)
Watering Facility (614)
Waterspreading (640)
Well Decommissioning (351)
Wetland Creation (658)
Wetland Enhancement (659)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Windbreak/Shelterbelt Establishment (380)
Windbreak/Shelterbelt Renovation (650)
Water Quality Degradation: Salts in Groundwater
Access Control (472)
Access Road (560)
Agrichemical Handling Facility (309)
Alley Cropping (311)
Amendments for Treatment of Ag Waste (591)
Anaerobic Digester (366)
Animal Mortality Facility (316)
Brush Management (314)
Composting Facility (317)
Comprehensive Nutrient Management Plan - (102)
Conservation Cover (327)
Conservation Crop Rotation (328)
Constructed Wetland (656)
Contour Buffer Strips (332)
Contour Farming (330)
Contour Orchard and Other Perennial Crop (331)
Cover Crop (340)
Critical Area Planting (342)
Cross Wind Ridges (588)
Cross Wind Trap Strips (589C)
Dam (402)
Dike (356)
Diversion (362)
Drainage Water Management (554)
Drainage Water Management Plan - Written (130)
Fence (382)
Field Border (386)
Filter Strip (393)
Forage and Biomass Planting (512)
Forage Harvest Management (511)
Grade Stabilization Structure (410)
Grassed Waterway (412)

Heavy Use Area Protection (561)
Hedgerow Planting (422)
Herbaceous Weed Control (315)
Herbaceous Wind Barriers (603)
Hillside Ditch (423)
Integrated Pest Management (IPM) (595)
Irrigation Ditch Lining (428)
Irrigation Land Leveling (464)
Irrigation Pipeline (430)
Irrigation Reservoir (436)
Irrigation System, Microirrigation (441)
Irrigation System, Surface and Subsurfac (443)
Irrigation Water Management (449)
Irrigation Water Management Plan - Witt (118)
Lined Waterway or Outlet (468)
Livestock Pipeline (516)
Mulching (484)
Nutrient Management (590)
Nutrient Management Plan - Written (104)
Open Channel (582)
Pond (378)
Prescribed Burning (338)
Prescribed Grazing (528)
Range Planting (550)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Restoration and Management of Declining (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roof Runoff Structure (558)
Roofs and Covers (367)
Row Arrangement (557)
Sediment Basin (350)
Silvopasture Establishment (381)
Spring Development (574)
Sprinkler System (442)
Stream Crossing (578)
Stream Habitat Improvement and Managemen (395)
Streambank and Shoreline Protection (580)
Stripcropping (585)
Structure for Water Control (587)
Surface Drain, Field Ditch (607)
Surface Drain, Main or Lateral (608)
Surface Roughening (609)
Terrace (600)
Trails and Walkways (575)
Tree/Shrub Establishment (612)
Underground Outlet (620)
Vegetated Treatment Area (635)
Vegetative Barrier (601)
Waste Facility Closure (360)
Waste Recycling (633)
Waste Storage Facility (313)
Waste Transfer (634)
Waste Treatment (629)
Waste Treatment Lagoon (359)
Water and Sediment Control Basin (638)
Water Well (642)
Watering Facility (614)
Waterspreading (640)
Well Decommissioning (351)

Wetland Creation (658)
Wetland Enhancement (659)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Windbreak/Shelterbelt Establishment (380)
Windbreak/Shelterbelt Renovation (650)
Water Quality Degradation: Salts in Surface Water
Access Control (472)
Access Road (560)
Agrichemical Handling Facility (309)
Alley Cropping (311)
Amendments for Treatment of Ag Waste (591)
Anaerobic Digester (366)
Animal Mortality Facility (316)
Brush Management (314)
Composting Facility (317)
Comprehensive Nutrient Management Plan - (102)
Conservation Cover (327)
Conservation Crop Rotation (328)
Constructed Wetland (656)
Contour Buffer Strips (332)
Contour Farming (330)
Contour Orchard and Other Perennial Crop (331)
Cover Crop (340)
Critical Area Planting (342)
Cross Wind Ridges (588)
Cross Wind Trap Strips (589C)
Dam (402)
Dike (356)
Diversion (362)
Drainage Water Management (554)
Drainage Water Management Plan - Written (130)
Fence (382)
Field Border (386)
Filter Strip (393)
Forage and Biomass Planting (512)
Forage Harvest Management (511)
Grade Stabilization Structure (410)
Grassed Waterway (412)
Heavy Use Area Protection (561)
Hedgerow Planting (422)
Herbaceous Weed Control (315)
Herbaceous Wind Barriers (603)
Hillside Ditch (423)
Integrated Pest Management (IPM) (595)
Irrigation Ditch Lining (428)
Irrigation Land Leveling (464)
Irrigation Pipeline (430)
Irrigation Reservoir (436)
Irrigation System, Microirrigation (441)
Irrigation System, Surface and Subsurf (443)
Irrigation Water Management (449)
Irrigation Water Management Plan - Writt (118)
Lined Waterway or Outlet (468)
Livestock Pipeline (516)
Mulching (484)
Nutrient Management (590)
Nutrient Management Plan - Written (104)
Open Channel (582)
Pond (378)
Prescribed Burning (338)

Prescribed Grazing (528)
Range Planting (550)
Residue Mgmt, Mulch Till (345)
Residue Mgmt-No-Till/Strip Till/Direct S (329)
Restoration and Management of Declining (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Roof Runoff Structure (558)
Roofs and Covers (367)
Row Arrangement (557)
Sediment Basin (350)
Silvopasture Establishment (381)
Spring Development (574)
Sprinkler System (442)
Stream Crossing (578)
Stream Habitat Improvement and Managemen (395)
Streambank and Shoreline Protection (580)
Stripcropping (585)
Structure for Water Control (587)
Surface Drain, Field Ditch (607)
Surface Drain, Main or Lateral (608)
Surface Roughening (609)
Terrace (600)
Trails and Walkways (575)
Tree/Shrub Establishment (612)
Underground Outlet (620)
Vegetated Treatment Area (635)
Vegetative Barrier (601)
Waste Facility Closure (360)
Waste Recycling (633)
Waste Storage Facility (313)
Waste Transfer (634)
Waste Treatment (629)
Waste Treatment Lagoon (359)
Water and Sediment Control Basin (638)
Water Well (642)
Watering Facility (614)
Waterspreading (640)
Well Decommissioning (351)
Wetland Creation (658)
Wetland Enhancement (659)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Windbreak/Shelterbelt Establishment (380)
Windbreak/Shelterbelt Renovation (650)

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