



Ranking Pool Report

Ranking Pool: NWQI - AL - FY2024

Program: EQIP

Pool Status: Active

States: AL (Admin)

Template: NWQI (National Water Quality Initiative)
FY2022

Template Status: Active

Last Modified By: Joe Cochran

Last Modified: 01/18/2024

Land Uses and Modifiers

Land Use	Grazed	Wildlife	Irrigated	Hayed	Drained	Organic	Water Feature	Protected	Urban	Aquaculture
Associated Ag Land	--	--	--	--	N/A	--	--	--	--	--
Crop	--	--	--	--	--	--	--	--	--	--
Farmstead	--	--	--	N/A	N/A	--	--	--	--	--
Forest	--	--	--	N/A	N/A	--	--	--	--	--
Pasture	--	--	--	--	--	--	--	--	--	--

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Concentrated erosion	10	10	40
Soil quality limitations	0	5	10
Wind and water erosion	5	5	20
Field sediment, nutrient and pathogen loss	20	45	80
Field pesticide loss	0	5	5
Source water depletion	0	5	20
Storage and handling of pollutants	10	20	50
Aquatic habitat	0	5	10

Concentrated erosion			
Resource Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	20	50	60
Classic gully erosion	20	35	60
Ephemeral gully erosion	15	15	60

Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	0	25	100
Compaction	0	25	100
Organic matter depletion	0	25	100
Soil organism habitat loss or degradation	0	25	100

Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	10	100	100

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	10	20	60
Nutrients transported to surface water	10	20	60
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	10	20	60
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	10	20	60
Sediment transported to surface water	10	20	60

Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	30	100
Pesticides transported to surface water	0	70	100

Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	0	25	100
Inefficient irrigation water use	0	50	100
Surface water depletion	0	25	100

Storage and handling of pollutants

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	10	10	80
Nutrients transported to surface water	10	40	80
Petroleum, heavy metals and other pollutants transported to groundwater	10	10	80
Petroleum, heavy metals and other pollutants transported to surface water	10	40	80

Aquatic habitat

Resource Concern	Min %	Default %	Max %
Aquatic habitat for fish and other organisms	0	100	100

Practices

Practice Name	Practice Code	Practice Type
CNMP Design and Implementation Activity	101	Activities
Comprehensive Nutrient Management Plan	102	Activities
Comprehensive Nutrient Management Plan - Applied	103	CAPs
Nutrient Management Plan - Written	104	CAPs
Nutrient Management Plan - Applied	105	CAPs
Forest Management Plan	106	Activities
Forest Management Plan - Applied	107	CAPs
Feed Management Plan - Written	108	CAPs
Feed Management Plan - Applied	109	CAPs
Grazing Management Plan	110	Activities
Grazing Management Plan - Applied	111	CAPs
Integrated Pest Management Plan - Written	114	CAPs
Integrated Pest Management Plan - Applied	115	CAPs
Soil Health Management Plan	116	Activities
Soil Health Management Plan - Applied	117	CAPs
Irrigation Water Management Plan - Written	118	CAPs
Irrigation Water Management Plan - Applied	119	CAPs
Agricultural Energy Design	120	Activities
Drainage Water Management Plan - Written	130	CAPs
Drainage Water Management Plan - Applied	131	CAPs
Conservation Plan Supporting Transition from Irrigation to Dry-land Plan - Written	134	Conservation Practices
Transition from Irrigation to Dry-land Plan - Applied	135	Conservation Practices
Conservation Plan Supporting Organic Transition	138	Activities
Transition to Organic Design	140	Activities
Fish and Wildlife Habitat Design	144	Activities
Pollinator Habitat Design	148	Activities
Spill Prevention, Control and Countermeasure (SPCC) Plan - Written	150	Conservation Practices
Spill Prevention, Control and Countermeasure (SPCC) Plan - Applied	151	Conservation Practices
IPM Herbicide Resistance Weed Conservation Plan - Written	154	CAPs

Practice Name	Practice Code	Practice Type
IPM Herbicide Resistance Weed Conservation Plan - Applied	155	CAPs
Nutrient Management Design and Implementation Activity	157	Activities
Feed Management Design	158	Activities
Grazing Management Design	159	Activities
Prescribed Burning Design	160	Activities
Pest Management Conservation System Design	161	Activities
Soil Health Management System Design	162	Activities
Irrigation Water Management Design	163	Activities
Improved Management of Drainage Water Design	164	Activities
Forest Management Practice Design	165	Activities
Conservation Plan	199	Activities
Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	201	Activities
Edge-of-Field Water Quality Monitoring-System Installation	202	Activities
Site Assessment and Soil Testing for Contaminants Activity	207	Activities
Soil Health Testing	216	Activities
Soil and Source Testing for Nutrient Management	217	Activities
Carbon Sequestration and Greenhouse Gas Mitigation Assessment	218	Activities
Agricultural Energy Assessment	228	Activities
Agrichemical Handling Facility	309	Conservation Practices
Alley Cropping	311	Conservation Practices
Waste Storage Facility	313	Conservation Practices
Brush Management	314	Conservation Practices
Herbaceous Weed Treatment	315	Conservation Practices
Animal Mortality Facility	316	Conservation Practices
Composting Facility	317	Conservation Practices
Short Term Storage of Animal Waste and By-Products	318	Conservation Practices
On-Farm Secondary Containment Facility	319	Conservation Practices
Irrigation Canal or Lateral	320	Conservation Practices
Deep Tillage	324	Conservation Practices
Clearing and Snagging	326	Conservation Practices
Conservation Cover	327	Conservation Practices
Conservation Crop Rotation	328	Conservation Practices

Practice Name	Practice Code	Practice Type
Residue and Tillage Management, No Till	329	Conservation Practices
Contour Farming	330	Conservation Practices
Contour Orchard and Other Perennial Crops	331	Conservation Practices
Contour Buffer Strips	332	Conservation Practices
Amending Soil Properties with Gypsum Products	333	Conservation Practices
Prescribed Burning	338	Conservation Practices
Cover Crop	340	Conservation Practices
Critical Area Planting	342	Conservation Practices
Residue and Tillage Management, Reduced Till	345	Conservation Practices
Dam, Diversion	348	Conservation Practices
Sediment Basin	350	Conservation Practices
Well Decommissioning	351	Conservation Practices
Monitoring Well	353	Conservation Practices
Groundwater Testing	355	Conservation Practices
Dike and Levee	356	Conservation Practices
Waste Treatment Lagoon	359	Conservation Practices
Waste Facility Closure	360	Conservation Practices
Diversion	362	Conservation Practices
Anaerobic Digester	366	Conservation Practices
Roofs and Covers	367	Conservation Practices
Emergency Animal Mortality Management	368	Conservation Practices
Pond	378	Conservation Practices
Windbreak/Shelterbelt Establishment and Renovation	380	Conservation Practices
Silvopasture	381	Conservation Practices
Fence	382	Conservation Practices
Field Border	386	Conservation Practices
Riparian Herbaceous Cover	390	Conservation Practices

Practice Name	Practice Code	Practice Type
Riparian Forest Buffer	391	Conservation Practices
Filter Strip	393	Conservation Practices
Firebreak	394	Conservation Practices
Stream Habitat Improvement and Management	395	Conservation Practices
Aquatic Organism Passage	396	Conservation Practices
Dam	402	Conservation Practices
Grade Stabilization Structure	410	Conservation Practices
Grassed Waterway	412	Conservation Practices
Wildlife Habitat Planting	420	Conservation Practices
Hedgerow Planting	422	Conservation Practices
Hillside Ditch	423	Conservation Practices
Irrigation Ditch Lining	428	Conservation Practices
Irrigation Water Conveyance, Ditch and Canal Lining, Plain Concrete	428A	Conservation Practices
Irrigation Water Conveyance, Ditch and Canal Lining, Flexible Membrane	428B	Conservation Practices
Irrigation Water Conveyance, Ditch and Canal Lining, Galvanized Steel	428C	Conservation Practices
Irrigation Pipeline	430	Conservation Practices
Irrigation Reservoir	436	Conservation Practices
Irrigation System, Microirrigation	441	Conservation Practices
Sprinkler System	442	Conservation Practices
Irrigation System, Surface and Subsurface	443	Conservation Practices
Irrigation and Drainage Tailwater Recovery	447	Conservation Practices
Irrigation Water Management	449	Conservation Practices
Anionic Polyacrylamide (PAM) Application	450	Conservation Practices
Land Reclamation, Toxic Discharge Control	455	Conservation Practices
Mine Shaft and Adit Closing	457	Conservation Practices
Land Clearing	460	Conservation Practices
Precision Land Forming and Smoothing	462	Conservation Practices

Practice Name	Practice Code	Practice Type
Irrigation Land Leveling	464	Conservation Practices
Land Smoothing	466	Conservation Practices
Lined Waterway or Outlet	468	Conservation Practices
Access Control	472	Conservation Practices
Mulching	484	Conservation Practices
Tree/Shrub Site Preparation	490	Conservation Practices
Obstruction Removal	500	Conservation Practices
Forage Harvest Management	511	Conservation Practices
Pasture and Hay Planting	512	Conservation Practices
Livestock Pipeline	516	Conservation Practices
Pond Sealing or Lining, Compacted Soil Treatment	520	Conservation Practices
Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	521	Conservation Practices
Pond Sealing or Lining, Flexible Membrane	521A	Conservation Practices
Pond Sealing or Lining, Soil Dispersant	521B	Conservation Practices
Pond Sealing or Lining, Bentonite Sealant	521C	Conservation Practices
Pond Sealing or Lining, Compacted Clay Treatment	521D	Conservation Practices
Pond Sealing or Lining - Concrete	522	Conservation Practices
Sinkhole Treatment	527	Conservation Practices
Prescribed Grazing	528	Conservation Practices
Pumping Plant	533	Conservation Practices
Land Reclamation, Abandoned Mined Land	543	Conservation Practices
Grazing Land Mechanical Treatment	548	Conservation Practices
Range Planting	550	Conservation Practices
Drainage Water Management	554	Conservation Practices
Row Arrangement	557	Conservation Practices
Roof Runoff Structure	558	Conservation Practices
Access Road	560	Conservation Practices

Practice Name	Practice Code	Practice Type
Heavy Use Area Protection	561	Conservation Practices
Stormwater Runoff Control	570	Conservation Practices
Spoil Disposal	572	Conservation Practices
Spring Development	574	Conservation Practices
Trails and Walkways	575	Conservation Practices
Livestock Shelter Structure	576	Conservation Practices
Stream Crossing	578	Conservation Practices
Streambank and Shoreline Protection	580	Conservation Practices
Open Channel	582	Conservation Practices
Channel Bed Stabilization	584	Conservation Practices
Stripcropping	585	Conservation Practices
Structure for Water Control	587	Conservation Practices
Crosswind Ridges	588	Conservation Practices
Cross Wind Trap Strips	589	Conservation Practices
Cross Wind Trap Strips	589C	Conservation Practices
Nutrient Management	590	Conservation Practices
Amendments for Treatment of Agricultural Waste	591	Conservation Practices
Feed Management	592	Conservation Practices
Pest Management Conservation System	595	Conservation Practices
Terrace	600	Conservation Practices
Vegetative Barrier	601	Conservation Practices
Herbaceous Wind Barriers	603	Conservation Practices
Saturated Buffer	604	Conservation Practices
Denitrifying Bioreactor	605	Conservation Practices
Subsurface Drain	606	Conservation Practices
Surface Drain, Field Ditch	607	Conservation Practices
Surface Drain, Main or Lateral	608	Conservation Practices

Practice Name	Practice Code	Practice Type
Surface Roughening	609	Conservation Practices
Tree/Shrub Establishment	612	Conservation Practices
Watering Facility	614	Conservation Practices
Underground Outlet	620	Conservation Practices
Wastewater Treatment – Milk House	627	Conservation Practices
Waste Treatment	629	Conservation Practices
Waste Separation Facility	632	Conservation Practices
Waste Recycling	633	Conservation Practices
Waste Transfer	634	Conservation Practices
Vegetated Treatment Area	635	Conservation Practices
Water and Sediment Control Basin	638	Conservation Practices
Waterspreading	640	Conservation Practices
Water Well	642	Conservation Practices
Restoration of Rare or Declining Natural Communities	643	Conservation Practices
Wetland Wildlife Habitat Management	644	Conservation Practices
Upland Wildlife Habitat Management	645	Conservation Practices
Shallow Water Development and Management	646	Conservation Practices
Windbreak/Shelterbelt Renovation	650	Conservation Practices
Road/Trail/Landing Closure and Treatment	654	Conservation Practices
Forest Trails and Landings	655	Conservation Practices
Constructed Wetland	656	Conservation Practices
Wetland Restoration	657	Conservation Practices
Wetland Creation	658	Conservation Practices
Wetland Enhancement	659	Conservation Practices
Forest Stand Improvement	666	Conservation Practices
Phosphorus Removal System	782	Interim Conservation Practices

Practice Name	Practice Code	Practice Type
Annual Forages for Grazing Systems	810	Interim Conservation Practices
TA Planning	910	TSP Codes
TA Design	911	TSP Codes
TA Application	912	TSP Codes
TA Check-Out	913	TSP Codes

Ranking Weights

Factors	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	15	30	40
Planned Practice Effects	Adjustment (D)	10	15	15
Resource Priorities	Default	20	30	60
Program Priorities	Default	5	15	15
Efficiencies	Default	10	10	10

Display Group: NWQI - AL - FY2024 (Active)

 An asterisk will be displayed to show that it is a conditional section or conditional question.

Survey: Applicability Questions

Section: Applicability		
Question	Answer Choices	Points
Does the PLU intersect the NWQI national layer of watersheds by 50% or greater?	Does the PLU intersect the NWQI national layer of watersheds by 50% or greater?	--
	Otherwise	--

Survey: Category Questions

Section: Category		
Question	Answer Choices	Points

Section: Category		
Question	Answer Choices	Points
Which Watershed?	Guntersville Lake - Short Creek	--
	Graves Creek	--
	Pisgah Wellhead	--
	Eightmile Creek	--
	Brindley	--
	Locust Fork - Little Cove	--
	Whippoorwill	--
	Bayou La Batre	--

Survey: Program Questions

Section: Program		
Question	Answer Choices	Points
Improving impaired water body? (303d or TMDL)	Impaired	50
	Otherwise	0
Benefit T and E Species	within a strategic habitat unit.	25
	Otherwise	0

Survey: Resource Questions

Section: Resource		
Question	Answer Choices	Points
livestock will be excluded from all streams on the offered acres.	YES	50
	NO	0
The application of conservation practices in this contract will reduce the STIR rating to less than 30 on over 75% of the offered acres	YES	20
	NO	0
Will this contract include installation of a buffer (such as filter strip, riparian forest buffer or grassed waterway) that filters and traps pollutants, nutrients and or sediment from entering a stream and reduces pollutant delivery to a stream.	YES	30
	NO	0
Will critical acres be mitigated for run off?	SVI is High Potential - Pisgah	50
	SVI is High Potential -- SS	50
	SVI is High Potential -- Graves	50
	Otherwise	25
Will critical acres be mitigated for leaching?	SVI high -- Pisgah	50
	SVI High -- SS	50
	Otherwise	20

Section: Resource

Question	Answer Choices	Points
Application is for practice not discussed above	YES	15
	NO	0