



# Ranking Pool Report

**Ranking Pool:** FY24 NWQI Tucker Canyon Animas River 2

**Program:** EQIP

**Pool Status:** Active

**States:** NM (Admin)

**Template:** NWQI (National Water Quality Initiative) FY2022

**Template Status:** Active

**Last Modified By:** Margaret Gnann

**Last Modified:** 02/02/2024

## 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	--	--	--	--	--
Other Rural Land	--	--	--	N/A	N/A	--	--	--	--	--
Pasture	--	--	--	--	--	--	--	--	--	--
Range	--	--	N/A	--	N/A	--	--	--	--	--
Water	N/A	--	N/A	N/A	N/A	--	--	--	--	--

## Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Aquatic habitat	0	5	10
Concentrated erosion	10	15	40
Field pesticide loss	0	5	5
Field sediment, nutrient and pathogen loss	20	30	80
Salt losses to water	0	5	10
Soil quality limitations	0	5	10
Source water depletion	0	5	20
Storage and handling of pollutants	10	25	50
Wind and water erosion	5	5	20

Aquatic habitat			
Resource Concern	Min %	Default %	Max %

## Aquatic habitat

Resource Concern	Min %	Default %	Max %
Aquatic habitat for fish and other organisms	0	50	100
Elevated water temperature	0	50	100

## 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

## Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	60	100
Pesticides transported to surface water	0	40	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

## Salt losses to water

Resource Concern	Min %	Default %	Max %
Salts transported to groundwater	0	50	100
Salts transported to surface water	0	50	100

## Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	0	20	100
Compaction	0	20	100
Concentration of salts or other chemicals	0	20	100
Organic matter depletion	0	20	100
Soil organism habitat loss or degradation	0	10	100
Subsidence	0	10	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	30	80
Nutrients transported to surface water	10	30	80
Petroleum, heavy metals and other pollutants transported to groundwater	10	20	80
Petroleum, heavy metals and other pollutants transported to surface water	10	20	80

## Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	10	80	100
Wind erosion	0	20	90

## 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
Prescribed Burning Plan - Written	112	CAPs
Prescribed Burning Plan - Applied	113	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

Practice Name	Practice Code	Practice Type
Irrigation Water Management Plan - Written	118	CAPs
Irrigation Water Management Plan - Applied	119	CAPs
Agricultural Energy Design	120	Activities
Agricultural Energy Management Plan - Written	128	CAPs
Ag Energy Management Plan - Applied	129	CAPs
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
Agricultural Energy Design Plan - Written	136	CAPs
Agricultural Energy Design Plan - Applied	137	CAPs
Conservation Plan Supporting Organic Transition	138	Activities
Conservation Plan Supporting Organic Transition - Applied	139	CAPs
Transition to Organic Design	140	Activities
Fish and Wildlife Habitat Plan - Written	142	CAPs
Fish and Wildlife Habitat Plan - Applied	143	CAPs
Fish and Wildlife Habitat Design	144	Activities
Pollinator Habitat Plan - Written	146	CAPs
Pollinator Habitat Plan - Applied	147	CAPs
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
IPM Herbicide Resistance Weed Conservation Plan - Applied	155	CAPs
Herbicide Resistance Weed Design and Implementation Activity	156	Activities
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

Practice Name	Practice Code	Practice Type
Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	201	Activities
Edge-of-Field Water Quality Monitoring-System Installation	202	Activities
Conservation Planning Activity	203	Activities
Feed and Forage Analysis	206	Activities
Site Assessment and Soil Testing for Contaminants Activity	207	Activities
PFAS Testing in Water or Soil	209	Activities
Soil Health Testing	216	Activities
Soil and Source Testing for Nutrient Management	217	Activities
Carbon Sequestration and Greenhouse Gas Mitigation Assessment	218	Activities
Prescribed Grazing Conservation Evaluation and Monitoring Activity	219	Activities
Soil Organic Carbon Stock Monitoring	221	Activities
Indigenous Stewardship Methods Evaluation	222	Activities
Forest Management Assessment	223	Activities
Aquifer Flow Test	224	Activities
Waste Facility Site Suitability and Feasibility Assessment	226	Activities
Evaluation of Existing Waste Storage Facility Components	227	Activities
Agricultural Energy Assessment	228	Activities
Nutrient Management Implementation Support	257	Activities
Feral Swine Damage Assessment	297	Activities
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
Irrigation Canal or Lateral	320	Conservation Practices
Deep Tillage	324	Conservation Practices
High Tunnel System	325	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
Controlled Traffic Farming	334	Conservation Practices
Soil Carbon Amendment	336	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
Air Filtration and Scrubbing	371	Conservation Practices
Combustion System Improvement	372	Conservation Practices
Dust Control on Unpaved Roads and Surfaces	373	Conservation Practices
Energy Efficient Agricultural Operation	374	Conservation Practices
Dust Management for Pen Surfaces	375	Conservation Practices
Field Operations Emissions Reduction	376	Conservation Practices
Pond	378	Conservation Practices

<b>Practice Name</b>	<b>Practice Code</b>	<b>Practice Type</b>
Forest Farming	379	Conservation Practices
Windbreak/Shelterbelt Establishment and Renovation	380	Conservation Practices
Silvopasture	381	Conservation Practices
Fence	382	Conservation Practices
Fuel Break	383	Conservation Practices
Woody Residue Treatment	384	Conservation Practices
Field Border	386	Conservation Practices
Irrigation Field Ditch	388	Conservation Practices
Riparian Herbaceous Cover	390	Conservation Practices
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
Aquaculture Pond	397	Conservation Practices
Fish Raceway or Tank	398	Conservation Practices
Fishpond Management	399	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 Pipeline	430	Conservation Practices
Dry Hydrant	432	Conservation Practices
Irrigation Reservoir	436	Conservation Practices

Practice Name	Practice Code	Practice Type
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 Clearing	460	Conservation Practices
Precision Land Forming and Smoothing	462	Conservation Practices
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
Prescribed Grazing	528	Conservation Practices
Pumping Plant	533	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



Practice Name	Practice Code	Practice Type
Access Road	560	Conservation Practices
Heavy Use Area Protection	561	Conservation Practices
Recreation Area Improvement	562	Conservation Practices
Stormwater Runoff Control	570	Conservation Practices
Spoil Disposal	572	Conservation Practices
Spring Development	574	Conservation Practices
Trails and Walkways	575	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
Structure for Water Control	587	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
Equitable Relief	602	Conservation Practices
Herbaceous Wind Barriers	603	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
Surface Roughening	609	Conservation Practices
Salinity and Sodic Soil Management	610	Conservation Practices


Practice Name	Practice Code	Practice Type
Tree/Shrub Establishment	612	Conservation Practices
Watering Facility	614	Conservation Practices
Underground Outlet	620	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 Harvesting Catchment	636	Conservation Practices
Water and Sediment Control Basin	638	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
Early Successional Habitat Development-Mgt	647	Conservation Practices
Structures for Wildlife	649	Conservation Practices
Windbreak/Shelterbelt Renovation	650	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
Tree-Shrub Pruning	660	Conservation Practices
Forest Stand Improvement	666	Conservation Practices
Energy Efficient Lighting System	670	Conservation Practices
Energy Efficient Building Envelope	672	Conservation Practices

Practice Name	Practice Code	Practice Type
Waste Gasification Facility	735	Interim Conservation Practices
Water Well Disinfection	803	Interim Conservation Practices
Site Assessment and Soil Testing for Contaminants	807	Interim Conservation Practices
Annual Forages for Grazing Systems	810	Interim Conservation Practices
Raised Beds	812	Interim Conservation Practices
Low Tunnel Systems	821	Interim Conservation Practices
Organic Management	823	Interim Conservation Practices
Strategic Harvested Forage Management	827	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	20	40
Planned Practice Effects	Adjustment (D)	10	15	15
Resource Priorities	Default	20	50	60
Program Priorities	Default	5	5	15
Efficiencies	Default	10	10	10

## Display Group: FY24 NWQI Tucker Canyon- Animas River 2 (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

Section: Applicability		
Question	Answer Choices	Points
Are the PLU's located in an approved FY2023 NWQI Watershed in New Mexico?	Does the PLU intersect the NWQI National Layer of watersheds by 50% or greater?	--
	Otherwise	--

**Survey: Category Questions**

Section: Category		
Question	Answer Choices	Points
Are the PLU's located in the Animas River Watershed (Tucker Canyon) near Aztec?	YES	--
	NO	--

**Survey: Program Questions**

Section: State Questions		
Question	Answer Choices	Points
Does the application include core conservation practices that will be implemented within one quarter of a mile of a stream or water body that is threatened receives significant runoff of excess nitrogen or phosphorous and on the EPA 303 d list, or listed as impaired with a TMDL in place and therefore, not on the 303 d list, or specified as a critical stream or water body authorize by the Regional Conservationist?	YES	105
	NO	0
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?	YES	20
	NO	0
Are core conservation practices planned for the applicants treated acres within an existing non USDA water quality project area addressing the same or similar pollutants?	YES	15
	NO	0
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?	YES	35
	NO	0
Does this program application include the implementation of a system of conservation practices which address the NWQI primary resource concerns?	YES	25
	NO	0

**Survey: Resource Questions**

Section: Local Resource Questions		
Question	Answer Choices	Points
Surface Water Proximity, Are the planned conservation practices immediately adjacent to the Animas River or adjacent to a tributary, arroyo, ditch or other drainage that flows to the Animas River?	YES	40
	NO	0
Will core practices for erosion control like Critical Area Planting, Grade Stabilization Structure, Streambank and Shoreline Protection, Water and Sediment Control Basin) be included in the contract?	YES	50
	NO	0

## Section: Local Resource Questions

Question	Answer Choices	Points
Will controlling and trapping core practices for establishment of permanent vegetation (Field Border, Riparian Herbaceous Cover, Filter Strip, Tree/Shrub Establishment) be included in the contract?	YES	40
	NO	0
Will (controlling and trapping) supporting practices for establishment of permanent vegetation (Forage and Biomass Planting, Range Planting, etc. ) be included in the contract?	YES	50
	NO	0
Will livestock related core practices in the (avoiding) category (Access Control, Prescribed Grazing Heavy Use Area Protection, Trails and Walkways) be included in the contract?	YES	20
	NO	0