



# Ranking Pool Report

**Ranking Pool:** Utah NWQI Heber Valley-FY24

**Program:** EQIP

**Pool Status:** Active

**States:** UT (Admin)

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

**Template Status:** Active

**Last Modified By:** Davie Stokes

**Last Modified:** 11/22/2023

## 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	--	--	--	--	--	--	--	--	--	--
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	25	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	15	50
Wind and water erosion	5	5	20

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

## Aquatic habitat

Resource Concern	Min %	Default %	Max %
Elevated water temperature	0	50	100

## Concentrated erosion

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

## Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	20	100
Pesticides transported to surface water	0	80	100

## Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	10	10	60
Nutrients transported to surface water	10	35	60
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	10	10	60
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	10	35	60
Sediment transported to surface water	10	10	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	30	100
Organic matter depletion	0	10	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	5	100
Inefficient irrigation water use	0	90	100
Surface water depletion	0	5	100

## Storage and handling of pollutants

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	10	15	80
Nutrients transported to surface water	10	65	80
Petroleum, heavy metals and other pollutants transported to groundwater	10	10	80
Petroleum, heavy metals and other pollutants transported to surface water	10	10	80

## Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	10	50	100
Wind erosion	0	50	90

## Practices

Practice Name	Practice Code	Practice Type
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
Clearing and Snagging	326	Conservation Practices
Conservation Cover	327	Conservation Practices
Conservation Crop Rotation	328	Conservation Practices
Residue and Tillage Management, No Till	329	Conservation Practices

Practice Name	Practice Code	Practice Type
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
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
Roofs and Covers	367	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
Riparian Forest Buffer	391	Conservation Practices
Filter Strip	393	Conservation Practices
Stream Habitat Improvement and Management	395	Conservation Practices
Dam	402	Conservation Practices

Practice Name	Practice Code	Practice Type
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
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
Precision Land Forming and Smoothing	462	Conservation Practices
Irrigation Land Leveling	464	Conservation Practices
Lined Waterway or Outlet	468	Conservation Practices
Access Control	472	Conservation Practices
Mulching	484	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 - Concrete	522	Conservation Practices
Prescribed Grazing	528	Conservation Practices
Pumping Plant	533	Conservation Practices
Grazing Land Mechanical Treatment	548	Conservation Practices

Practice Name	Practice Code	Practice Type
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
Heavy Use Area Protection	561	Conservation Practices
Stormwater Runoff Control	570	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
Stripcropping	585	Conservation Practices
Structure for Water Control	587	Conservation Practices
Crosswind Ridges	588	Conservation Practices
Cross Wind Trap Strips	589C	Conservation Practices
Nutrient Management	590	Conservation Practices
Amendments for Treatment of Agricultural Waste	591	Conservation Practices
Pest Management Conservation System	595	Conservation Practices
Terrace	600	Conservation Practices
Vegetative Barrier	601	Conservation Practices
Herbaceous Wind Barriers	603	Conservation Practices
Tree/Shrub Establishment	612	Conservation Practices
Watering Facility	614	Conservation Practices
Underground Outlet	620	Conservation Practices
Waste Treatment	629	Conservation Practices

Practice Name	Practice Code	Practice Type
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
Water Well	642	Conservation Practices
Restoration of Rare or Declining Natural Communities	643	Conservation Practices
Wetland Wildlife Habitat Management	644	Conservation Practices
Structures for Wildlife	649	Conservation Practices
Windbreak/Shelterbelt Renovation	650	Conservation Practices
Constructed Wetland	656	Conservation Practices
Wetland Restoration	657	Conservation Practices
Wetland Creation	658	Conservation Practices
Wetland Enhancement	659	Conservation Practices

## Ranking Weights

Factors	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	15	35	40
Planned Practice Effects	Adjustment (D)	10	15	15
Resource Priorities	Default	20	30	60
Program Priorities	Default	5	10	15
Efficiencies	Default	10	10	10

## Display Group: Utah NWQI Heber Valley-FY24 (Active)

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

## Survey: Applicability Questions

Section: NWQI Applicability		
Question	Answer Choices	Points

## Section: NWQI Applicability

Question	Answer Choices	Points
Does the PLU intersect the Utah NWQI national layer of watersheds by 50% or greater?	Spring Creek/Provo River	--
	Cottonwood Canyon-Provo River	--
	Snake Creek	--
	Lake Creek	--
	Center Creek	--
	Daniels Creek	--
	Deer Creek Reservoir- Provo River	--
	Otherwise	--

## Survey: Category Questions

## Section: NWQI Categories

Question	Answer Choices	Points
Which NWQI Watershed are the PLUs located in?	Spring Creek/ Provo River	--
	Otherwise	--

## Survey: Program Questions

## Section: NWQI Program Priorities

Question	Answer Choices	Points
Does this EQIP Schedule of Operations meet the intent of the applicable watershed plan?	YES	200
	NO	--

## Survey: Resource Questions

## Section: NWQI Resource Priorities

Question	Answer Choices	Points
Does the PLU intersect the critical source area layer(s) for NWQI watersheds?	Spring Creek- Provo River	60
	Otherwise	--
Does the project PLU include perennial or ephemeral surface waters (stream, creek, irrigation ditch)?	YES	40
	NO	0
"Does the plan include practices which limit livestock access to surface waters?"	YES	40
	NO	0



## Section: NWQI Resource Priorities

Question	Answer Choices	Points
How many Heber Valley Watershed Resource concerns are being treated?	1	10
	2	30
	3	40
	4	50