



# Ranking Pool Report

**Ranking Pool:** FY21 NWQI\_WA

**Program:** EQIP

**Template:** NWQI (National Water Quality Initiative) FY21

**Last Modified By:** Alan Fulk

**Pool Status:** Active

**Template Status:** Active

**Last Modified:** 02-17-2021

## Land Uses

Land Use	Modifier 1	Modifier 2	Modifier 3	Modifier 4	Modifier 5	Modifier 6
Crop	--	--	--	--	--	--
Forest	--	--	--	--	--	--
Range	--	--	--	--	--	--
Pasture	--	--	--	--	--	--
Farmstead	--	--	--	--	--	--
Water	--	--	--	--	--	--
Associated Ag Land	--	--	--	--	--	--

## Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Concentrated erosion	10	10	40
Field sediment, nutrient and pathogen loss	20	75	80
Storage and handling of pollutants	10	10	50
Wind and water erosion	5	5	20

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 sediment, nutrient and pathogen loss			
Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	10	20	60

## Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
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

## 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	100	100

## Practices

Practice	Practice Code	Practice Type
Annual Forages for Grazing Systems	810	P
Wildlife Habitat Planting	420	P
Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	521	P
On-Farm Secondary Containment Facility	319	P
Short Term Storage of Animal Waste and By-Products	318	P
Emergency Animal Mortality Management	368	P
Amending Soil Properties with Gypsum Products	333	P
Denitrifying Bioreactor	605	P
Pond Sealing or Lining, Compacted Soil Treatment	520	P
Pond Sealing or Lining - Concrete	522	P
Saturated Buffer	604	P
Alley Cropping	311	P
Waste Storage Facility	313	P
Brush Management	314	P
Animal Mortality Facility	316	P
Composting Facility	317	P

<b>Practice</b>	<b>Practice Code</b>	<b>Practice Type</b>
Irrigation Canal or Lateral	320	P
Deep Tillage	324	P
Clearing and Snagging	326	P
Conservation Cover	327	P
Conservation Crop Rotation	328	P
Contour Farming	330	P
Contour Orchard and Other Perennial Crops	331	P
Contour Buffer Strips	332	P
Prescribed Burning	338	P
Cover Crop	340	P
Critical Area Planting	342	P
Dam, Diversion	348	P
Sediment Basin	350	P
Well Decommissioning	351	P
Dike	356	P
Waste Treatment Lagoon	359	P
Waste Facility Closure	360	P
Diversion	362	P
Pond	378	P
Windbreak/Shelterbelt Establishment	380	P
Fence	382	P
Field Border	386	P
Riparian Herbaceous Cover	390	P
Riparian Forest Buffer	391	P
Filter Strip	393	P
Firebreak	394	P
Stream Habitat Improvement and Management	395	P
Aquatic Organism Passage	396	P
Dam	402	P
Grade Stabilization Structure	410	P
Grassed Waterway	412	P
Hedgerow Planting	422	P
Hillside Ditch	423	P
Irrigation Water Conveyance, Ditch and Canal Lining, Plain Concrete	428A	P
Irrigation Water Conveyance, Ditch and Canal Lining, Flexible Membrane	428B	P
Irrigation Water Conveyance, Ditch and Canal Lining, Galvanized Steel	428C	P
Irrigation Reservoir	436	P

<b>Practice</b>	<b>Practice Code</b>	<b>Practice Type</b>
Irrigation System, Microirrigation	441	P
Sprinkler System	442	P
Irrigation System, Surface and Subsurface	443	P
Irrigation and Drainage Tailwater Recovery	447	P
Irrigation Water Management	449	P
Anionic Polyacrylamide (PAM) Application	450	P
Land Reclamation, Toxic Discharge Control	455	P
Mine Shaft and Adit Closing	457	P
Land Clearing	460	P
Precision Land Forming	462	P
Irrigation Land Leveling	464	P
Land Smoothing	466	P
Lined Waterway or Outlet	468	P
Access Control	472	P
Mulching	484	P
Tree/Shrub Site Preparation	490	P
Obstruction Removal	500	P
Forage Harvest Management	511	P
Pasture and Hay Planting	512	P
Livestock Pipeline	516	P
Pond Sealing or Lining, Flexible Membrane	521A	P
Pond Sealing or Lining, Soil Dispersant	521B	P
Pond Sealing or Lining, Bentonite Sealant	521C	P
Pumping Plant	533	P
Land Reclamation, Abandoned Mined Land	543	P
Grazing Land Mechanical Treatment	548	P
Range Planting	550	P
Drainage Water Management	554	P
Row Arrangement	557	P
Roof Runoff Structure	558	P
Access Road	560	P
Heavy Use Area Protection	561	P
Stormwater Runoff Control	570	P
Spoil Disposal	572	P
Spring Development	574	P
Trails and Walkways	575	P
Streambank and Shoreline Protection	580	P

<b>Practice</b>	<b>Practice Code</b>	<b>Practice Type</b>
Open Channel	582	P
Channel Bed Stabilization	584	P
Stripcropping	585	P
Structure for Water Control	587	P
Cross Wind Trap Strips	589C	P
Nutrient Management	590	P
Feed Management	592	P
Pest Management Conservation System	595	P
Terrace	600	P
Vegetative Barrier	601	P
Herbaceous Wind Barriers	603	P
Subsurface Drain	606	P
Surface Drain, Field Ditch	607	P
Surface Drain, Main or Lateral	608	P
Surface Roughening	609	P
Tree/Shrub Establishment	612	P
Watering Facility	614	P
Underground Outlet	620	P
Waste Recycling	633	P
Waste Transfer	634	P
Vegetated Treatment Area	635	P
Water and Sediment Control Basin	638	P
Waterspreading	640	P
Water Well	642	P
Restoration of Rare or Declining Natural Communities	643	P
Wetland Wildlife Habitat Management	644	P
Windbreak/Shelterbelt Renovation	650	P
Forest Trails and Landings	655	P
Constructed Wetland	656	P
Wetland Restoration	657	P
Wetland Creation	658	P
Wetland Enhancement	659	P
Forest Stand Improvement	666	P
Monitoring Well	353	P
Anaerobic Digester	366	P
Roofs and Covers	367	P
Prescribed Grazing	528	P

Practice	Practice Code	Practice Type
Stream Crossing	578	P
TA Planning	910	P
TA Design	911	P
TA Application	912	P
TA Check-Out	913	P
Amendments for Treatment of Agricultural Waste	591	P
Pond Sealing or Lining, Compacted Clay Treatment	521D	P
Silvopasture	381	P
Groundwater Testing	355	P
Waste Separation Facility	632	P
Waste Treatment	629	P
Residue and Tillage Management, No Till	329	P
Residue and Tillage Management, Reduced Till	345	P
Karst Sinkhole Treatment	527	P
Agrichemical Handling Facility	309	P
Crosswind Ridges	588	P
Road/Trail/Landing Closure and Treatment	654	P
Comprehensive Nutrient Management Plan - Written	102	P
Irrigation Water Management Plan - Written	118	P
Drainage Water Management Plan - Written	130	P
Irrigation Ditch Lining	428	P
Irrigation Pipeline	430	P
Herbaceous Weed Treatment	315	P
Nutrient Management Plan - Written	104	P
Soil Testing	216	P
Cross Wind Trap Strips	589	P

## Ranking Component Weights

Category	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	15	20	40
Planned Practice Effects	Adjustment (D)	15	15	15
Resource Priorities	Default	20	50	60
Program Priorities	Default	5	5	15
Efficiencies	Default	10	10	10

## Display Group: FY21 NWQI\_\_ (Active)



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

### Survey: Applicability Questions

Section: Location		
Question	Answer Choices	Points
All of land contained within WA State	Washington State	--
	Otherwise	--

### Survey: Category Questions

Section: FY21 NWQI watersheds		
Question	Answer Choices	Points
FY21 WA NWQI watersheds (51% - 100%)	FY21 WA NWQI watersheds	--
	Otherwise	--

### Survey: Program Questions

Section: State questions:		
Question	Answer Choices	Points

**Section: State questions:**

Question	Answer Choices	Points
Select ALL that apply:	The participant requested a plan prior to June 1, 2020. 20 points	20
	Application is associated with an ALE easement that requires a practice applied as per this plan to treat an endangered species and received points on their easement application ranking. 30 points	30
	The AD-1155 will contain only practices that are non-engineering. Or, designs have already been reviewed and approved by NRCS. Engineering practices include: 309 - 313 - 316 - 317 - 319 - 320 - 326 - 350 - 351 - 353 - 356 - 360 - 362 - 367 -372 - 373 - 374 - 375 - 376 - 378 - 388 - 395 - 396 - 410 - 412 - 428 - 430 - 441 - 442 - 443 - 449 - 450 - 460 - 464 -500 - 516 - 520 - 521A - 521B - 521C - 521D - 533 - 554 - 558 - 560 - 561 - 570 - 574 - 575 - 578 - 580 - 582 - 584 -585 - 587 - 590 - 592 - 600 - 605 - 606 -607 - 608 - 614 - 620 - 629 - 632 - 633 - 634 - 635 - 636 - 638 - 642 - 654 -655 - 657 - 659 - 670 - 672 -735 - 775. 20 Points	20
	The AD-1155 will contain only practices that are identified on the current SHPO/THPO agreement as "Undertakings with little to no Potential to Affect Historic Properties". Or, CR has already been reviewed and approved by NRCS. No Potential to Affect Includes: 201, 315, 328, 329, 330, 340, 345, 353, 355, 367, 371, 372, 379, 399, 449, 450, 484, 511,528, 554, 557, 587, 588, 590, 591, 592, 595, 629, 775, 521A, 521B, 521C, 521D, 589C. There are also 30 other practices that are included if certain criteria is met. Please consult the agreement at: <a href="https://efotg.sc.egov.usda.gov/">https://efotg.sc.egov.usda.gov/</a> 50 Points	50
	An applicable water quality practice will be installed within one of the identified source water protection counties. 30 points	30
	Application has a livestock type tagged on the application home screen. 20 points	20
	If selected for contracting, this application will allow the participant to become a first-time adopter using all of the planned practices included in CART. Consider adopted practices on all associated agricultural operation(s) that they are involved in. 30 points	30
	Sorry, none of the above apply. 0 points	0

**Survey: Resource Questions**

**Section: Does the PLU intersect the critical source area layer(s) for NWQI**

Question	Answer Choices	Points
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**Section: Does the PLU intersect the critical source area layer(s) for NWQI**

<b>Question</b>	<b>Answer Choices</b>	<b>Points</b>
Does the PLU intersect the critical source area layer(s) for NWQI watersheds (if state GIS spatial data layer is available):	Intersects WA NMFS Salmonid Critical Habitat layer= 200 total points	200
	Otherwise	--