Ranking Pool Report

Ranking Pool: FY24 WaterSMART-Guadalupe SWCD

Program: EQIP   **Pool Status:** Active   **States:** NM (Admin)

Template: WaterSMART Amended Oct 2022   **Template Status:** Active

Last Modified By: Ana Lucia Gomes   **Last Modified:** 01/23/2024

Land Uses and Modifiers

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

Resource Concern Categories

Categories

Category	Min %	Default %	Max %
Aquatic habitat	0	--	10
Degraded plant condition	0	5	5
Field sediment, nutrient and pathogen loss	0	5	5
Pest pressure	0	--	5
Salt losses to water	0	--	5
Soil quality limitations	0	15	15
Source water depletion	20	50	60
Terrestrial habitat	0	--	10
Weather resilience	0	15	15
Wind and water erosion	0	10	10

Aquatic habitat

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

Degraded plant condition

Resource Concern	Min %	Default %	Max %
Plant productivity and health	0	50	100
Plant structure and composition	0	50	100

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	--	50
Nutrients transported to surface water	0	--	50
Sediment transported to surface water	0	100	100

Pest pressure

Resource Concern	Min %	Default %	Max %
Plant pest pressure	0	100	100

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	20	100
Subsidence	0	--	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

Terrestrial habitat

Resource Concern	Min %	Default %	Max %
Terrestrial habitat for wildlife and invertebrates	0	100	100

Weather resilience

Resource Concern	Min %	Default %	Max %
Drifted snow	0	--	10
Naturally available moisture use	0	100	100
Ponding and flooding	0	--	20
Seasonal high water table	0	--	50
Seeps	0	--	20

Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	0	100	100
Wind erosion	0	--	100

Practices

Practice Name	Practice Code	Practice Type
Irrigation Water Management Design	163	Activities
Alley Cropping	311	Conservation Practices
Herbaceous Weed Treatment	315	Conservation Practices
Irrigation Canal or Lateral	320	Conservation Practices
Deep Tillage	324	Conservation Practices
High Tunnel System	325	Conservation Practices
Conservation Cover	327	Conservation Practices
Conservation Crop Rotation	328	Conservation Practices
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
Controlled Traffic Farming	334	Conservation Practices
Soil Carbon Amendment	336	Conservation Practices
Prescribed Burning	338	Conservation Practices

Practice Name	Practice Code	Practice Type
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
Diversion	362	Conservation Practices
Roofs and Covers	367	Conservation Practices
Pond	378	Conservation Practices
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
Fishpond Management	399	Conservation Practices
Dam	402	Conservation Practices
Grade Stabilization Structure	410	Conservation Practices

Practice Name	Practice Code	Practice Type
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
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, Landslide Treatment	453	Conservation Practices
Land Reclamation, Toxic Discharge Control	455	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
Forage Harvest Management	511	Conservation Practices
Pasture and Hay Planting	512	Conservation Practices
Pond Sealing or Lining, Compacted Soil Treatment	520	Conservation Practices

Practice Name	Practice Code	Practice Type
Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	521	Conservation Practices
Pond Sealing or Lining - Concrete	522	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
Rock Wall Terrace	555	Conservation Practices
Row Arrangement	557	Conservation Practices
Roof Runoff Structure	558	Conservation Practices
Access Road	560	Conservation Practices
Stormwater Runoff Control	570	Conservation Practices
Spring Development	574	Conservation Practices
Trails and Walkways	575	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
Nutrient Management	590	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
Surface Drain, Field Ditch	607	Conservation Practices

Practice Name	Practice Code	Practice Type
Surface Drain, Main or Lateral	608	Conservation Practices
Surface Roughening	609	Conservation Practices
Salinity and Sodic Soil Management	610	Conservation Practices
Tree/Shrub Establishment	612	Conservation Practices
Watering Facility	614	Conservation Practices
Underground Outlet	620	Conservation Practices
Waste Recycling	633	Conservation Practices
Water Harvesting Catchment	636	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
Early Successional Habitat Development-Mgt	647	Conservation Practices
Windbreak/Shelterbelt Renovation	650	Conservation Practices
Wetland Restoration	657	Conservation Practices
Wetland Creation	658	Conservation Practices
Wetland Enhancement	659	Conservation Practices
Pond Sealing and Lining, Soil Cement	740	Interim Conservation Practices
Individual Terrace	751	Interim Conservation Practices
Infiltration Ditch	753	Interim Conservation Practices
Well Plugging	755	Interim Conservation Practices
Drainage Ditch Covering	775	Interim Conservation Practices

Practice Name	Practice Code	Practice Type
Phosphorus Removal System	782	Interim Conservation Practices
Controlling Existing Flowing Wells	800	Interim Conservation Practices
Water Well Disinfection	803	Interim Conservation Practices
Conservation Harvest Management	809	Interim Conservation Practices
Annual Forages for Grazing Systems	810	Interim Conservation Practices
Raised Beds	812	Interim Conservation Practices
Groundwater Recharge Basin or Trench	815	Interim Conservation Practices
On-Farm Recharge	817	Interim Conservation Practices
Water Conservation System	818	Interim Conservation Practices
Low Tunnel Systems	821	Interim Conservation Practices
Organic Management	823	Interim Conservation Practices
Plantings for Soil Microbiology Management	825	Interim Conservation Practices
Strategic Harvested Forage Management	827	Interim Conservation Practices

Ranking Weights

Factors	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	15	20	30
Planned Practice Effects	Default	10	15	15
Resource Priorities	Default	20	50	60
Program Priorities	Default	5	5	25
Efficiencies	Default	10	10	10

Display Group: FY24 WaterSMART-Guadalupe SWCD (Active)

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

Survey: Applicability Questions

Section: Intersection of PLU Boundaries

Question	Answer Choices	Points
Yes the PLU intersects a geodata layer defining the boundary of Bureau of Reclamation (BoR) funded WaterSMART irrigation district projects by 50% or greater	PLU Intersect	--
	Otherwise	--

Survey: Category Questions

Section: Boundary

Question	Answer Choices	Points
Is this PLU within the Boundaries of Team 5?	YES	--
	NO	--

Survey: Program Questions

Section: Local Practice Questions

Question	Answer Choices	Points
Will at least one practice be contracted to improve Degraded Plant Condition and Undesirable Plant Productivity and Health?	YES	40
	NO	0
Will at least one practice be contracted and installed to address Soil Quality Degradation Organic Matter?	YES	40
	NO	0
Will at least one practice be contracted to address Inefficient Energy Use and Farming ranching practices for field operations	YES	40
	NO	0
Will new practice or new infrastructure address the following? Pick one only	Will a new practice be installed to address inefficient use of irrigated water?	80
	Will new infrastructure be installed to replace existing infrastructure that has exceeded their lifespan according to NRCS guidelines?	75
	N/A	0

Survey: Resource Questions

Section: National Resources Questions

Question	Answer Choices	Points

Section: National Resources Questions		
Question	**Answer Choices**	**Points**
Will the planning criteria for one of the four primary water resource concerns identified in exhibit NI-440-307.35 WaterSMART Initiative (WSI) be met on one or more PLUs in the application?	YES	100
	NO	0
Is the planning criteria for inefficient irrigation water use, Farm Irrigation Rating Index (FIRI) for each PLU greater than or equal to 80% of maximum systems potential, met on 50% ormore of the planned acres	YES	100
	NO	0