Ranking Pool Report

Ranking Pool: Alaska_ACEP-WRE_2021
Program: ACEP-WRE
Template: FY 2021 ACEP-WRE General
Last Modified By: James Crockett
Pool Status: Active
Template Status: Active
Last Modified: 12-23-2020

Land Uses

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

Resource Concern Categories

Categories			
Category	**Min %**	**Default %**	**Max %**
Aquatic habitat	10	20	80
Concentrated erosion	0	5	70
Degraded plant condition	0	5	70
Field pesticide loss	0	5	70
Field sediment, nutrient and pathogen loss	0	5	70
Fire management	0	--	5
Long term protection of land	10	20	80
Pest pressure	0	5	70
Salt losses to water	0	--	5
Source water depletion	0	--	70
Storage and handling of pollutants	0	10	70
Terrestrial habitat	10	10	80
Weather resilience	0	10	20
Wind and water erosion	0	5	15

Aquatic habitat

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

Concentrated erosion

Resouce Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	0	70	100
Classic gully erosion	0	5	50
Ephemeral gully erosion	0	25	50

Degraded plant condition

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

Field pesticide loss

Resouce Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	50	75
Pesticides transported to surface water	25	50	100

Field sediment, nutrient and pathogen loss

Resouce Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	35	100
Nutrients transported to surface water	0	28	100
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	0	4	15
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	0	4	100
Sediment transported to surface water	0	29	100

Fire management

Resouce Concern	Min %	Default %	Max %
Wildfire hazard from biomass accumulation	100	100	100

Long term protection of land

Resouce Concern	Min %	Default %	Max %
Loss of functions and values	85	85	100
Threat of conversion	0	15	15

Pest pressure

Resouce Concern	Min %	Default %	Max %
Plant pest pressure	100	100	100

Salt losses to water

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

Source water depletion

Resouce Concern	Min %	Default %	Max %
Groundwater depletion	25	25	60
Surface water depletion	40	75	75

Storage and handling of pollutants

Resouce Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	50	100
Nutrients transported to surface water	0	50	100
Petroleum, heavy metals and other pollutants transported to groundwater	0	--	50
Petroleum, heavy metals and other pollutants transported to surface water	0	--	100

Terrestrial habitat

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

Weather resilience

Resouce Concern	Min %	Default %	Max %
Drifted snow	0	--	25
Naturally available moisture use	0	10	25
Ponding and flooding	0	45	100
Seasonal high water table	0	35	100
Seeps	0	10	25

Wind and water erosion

Resouce Concern	Min %	Default %	Max %
Sheet and rill erosion	0	85	100
Wind erosion	0	15	100

Practices

Practice	Practice Code	Practice Type
Wildlife Habitat Planting	420	P
Structures for Wildlife	649	P
Brush Management	314	P
Clearing and Snagging	326	P
Conservation Cover	327	P
Critical Area Planting	342	P
Well Decommissioning	351	P
Dike	356	P
Diversion	362	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
Stream Habitat Improvement and Management	395	P
Aquatic Organism Passage	396	P
Grade Stabilization Structure	410	P
Grassed Waterway	412	P
Access Control	472	P
Mulching	484	P
Tree/Shrub Site Preparation	490	P
Obstruction Removal	500	P
Pumping Plant	533	P
Range Planting	550	P
Access Road	560	P
Trails and Walkways	575	P
Streambank and Shoreline Protection	580	P
Channel Bed Stabilization	584	P
Structure for Water Control	587	P
Pest Management Conservation System	595	P
Subsurface Drain	606	P
Tree/Shrub Establishment	612	P
Underground Outlet	620	P
Restoration of Rare or Declining Natural Communities	643	P

Practice	Practice Code	Practice Type
Wetland Wildlife Habitat Management	644	P
Upland Wildlife Habitat Management	645	P
Early Successional Habitat Development-Mgt	647	P
Forest Trails and Landings	655	P
Wetland Restoration	657	P
Wetland Creation	658	P
Forest Stand Improvement	666	P
Long-Term Protection of Land - Permanent Easement	LTPPE	L
Long-Term Protection of Land - Maximum Duration Allowed by State Law	LTPMAS	L
Long-Term Protection of Land - 30-Year Contract	LTP30YC	L
Stream Crossing	578	P
Fuel Break	383	P
Woody Residue Treatment	384	P
Road/Trail/Landing Closure and Treatment	654	P
Acquisition Process - Title Search	LTAPTS	L
Acquisition Process - Environmental Database Records Search	LTAPERS	L
Acquisition Process - Full Phase I	LTAPFP1	L
Acquisition Process - Appraisal	LTAPA	L
Herbaceous Weed Treatment	315	P
Acquisition Process - Appraisal Update	LTAPAU	L
Acquisition Process - Appraisal Technical Review First Review	LTAPTR1	L
Acquisition Process - Appraisal Technical Review Second Review	LTAPTR2	L
Acquisition Process - Boundary Survey	LTAPBS	L
Acquisition Process - Closing Services	LTAPCS	L
Long-Term Protection of Land - 30-Year Easement	LTP30YE	L

Ranking Component Weights

Category	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	10	30	50
Planned Practice Effects	Default	5	10	20
Resource Priorities	Default	20	30	70
Program Priorities	Default	15	30	30
Efficiencies	Default	0	0	0

Display Group: Applicability (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**
Is this an ACEP-WRE application that seeks to protect and restore wetlands through a 30-year or permanent conservation easement?	YES	--
	NO	--

Survey: Category Questions

Section: Is this ACEP-WRE application located within the State of Alaska?		
Question	**Answer Choices**	**Points**
Is this ACEP-WRE application located within the State of Alaska?	YES	--
	NO	--

Survey: Program Questions

Section: Program		
Question	**Answer Choices**	**Points**
Restoration Cost Effectiveness.	Average WRPO restoration cost is less than 1000 dollars/acre.	50
	Average WRPO restoration cost is between 1000-2000 dollars/acre.	25
	Average WRPO restoration cost is greater than 2000 dollars/acre.	0
Partnership Points for Restoration.	Landowner or other conservation partner will contribute 75% or greater cost-share to the WRPO restoration.	20
	Landowner or other conservation partner will contribute 50% to 74% cost-share to the WRPO restoration.	15
	Landowner or other conservation partner will contribute 25% to 49% cost-share to the WRPO restoration.	10
	Landowner or other conservation partner will contribute 1% to 24% cost-share to the WRPO restoration.	5
	Not applicable - no cost-share contribution to the WRPO restoration.	0

Section: Program		
Question	**Answer Choices**	**Points**
Partnership Points for Easement Acquisition.	Landowner is willing to contribute 50% of per-acre easement cost.	20
	Landowner is willing to contribute 40% of per-acre easement cost.	15
	Landowner is willing to contribute 30% of per-acre easement cost.	10
	Landowner is willing to contribute 20% of per-acre easement cost.	7
	Landowner is willing to contribute 10% of per-acre easement cost.	5
	Not applicable - no landowner contribution to per-acre easement cost.	0
Extent to Which ACEP-WRE Purposes are Achieved.	Wetland functions and values will benefit migratory birds, anadromous fish, and other wetland-dependent wildlife on at least 50% of the offering.	60
	Wetland functions and values will benefit migratory birds, anadromous fish, and other wetland-dependent wildlife on 25-49% of the offering.	40
	Wetland functions and values will benefit migratory birds, anadromous fish, and other wetland-dependent wildlife on <25% of the offering.	20
	It is unknown or unlikely that wetland functions and values will benefit migratory birds, anadromous fish, and other wetland-dependent wildlife.	0
What amount of the land offering is classified as prime, unique, statewide or locally important farmland?	0-25%	10
	26-50%	7
	51-75%	5
	76-100%	0
Are land management practices on the offered land creating on-site or off-site environmental impacts (e.g. sedimentation, pesticide drift, water quality impacts) that could be alleviated by easement acquisition and restoration?	YES	20
	NO	0
Are land management practices on the offered land creating on-site or off-site environmental impacts (e.g. sedimentation, pesticide drift, water quality impacts) that could be alleviated by easement acquisition and restoration?	YES	20
	NO	0

Survey: Resource Questions

Section: Resource		
Question	**Answer Choices**	**Points**

Section: Resource

Question	Answer Choices	Points
Will the restoration project restore a diversity of habitat that benefits the full life-cycle needs of migratory birds, anadromous fish, or other wetland-dependent wildlife?	Project will restore wetlands, grasslands, AND riparian habitat and benefit the life-cycle needs of migratory birds, anadromous fish, and other wetland-dependent wildlife.	10
	Project will restore wetlands, grasslands, OR riparian habitat and benefit the life-cycle needs of migratory birds, anadromous fish, and other wetland-dependent wildlife.	5
Threatened or At-risk Species Use of Protected and Restored Habitats.	Protection and restoration activities are specifically focused on the recovery of more than 1 at-risk species.	10
	Protection and restoration activities are specifically focused on the recovery of 1 at-risk species.	5
	Protection and restoration activities are not specifically focused on the recovery of at-risk species.	0
Will the project protect or restore lands for the benefit of anadromous fish habitat?	Project will specifically protect or restore anadromous fish habitat.	10
	Project will protect or restore wetlands, but won't specifically focus on anadromous fish habitat.	10
	Not applicable.	0
Habitat Complexity to be Restored.	All habitat elements to be restored (choose from open water, submergents, trees/shrubs, associated uplands).	10
	All but 1 habitat element to be restored (choose from open water, submergents, trees/shrubs, associated uplands).	7
	All but 2 habitat elements to be restored (choose from open water, submergents, trees/shrubs, associated uplands).	5
Proximity and Connectivity to Protected Areas.	Land is adjacent to an existing conservation easement, refuge, or other protected area.	10
	Land is within less than a 1/2 mile of an existing conservation easement, refuge, or other protected area.	7
	Land is between a 1/2 mile to 1 mile of an existing conservation easement, refuge, or other protected area.	5
	Land is further than 1 mile from an existing conservation easement, refuge, or other protected area.	3

Section: Resource

Question	Answer Choices	Points
Extent of Beneficial Adjacent Land Uses.	Land is adjacent to wildlife-friendly habitat of three or more types, or wetlands making up >75% of adjacent land use.	10
	Land is adjacent to wildlife-friendly habitat of two types, or wetlands making up 50% to 74% of adjacent land use.	7
	Land is adjacent to wildlife-friendly habitat of one type, or wetlands making up 25% to 49% of adjacent land use.	5
	Land is adjacent to wildlife-friendly habitat of one type, or wetlands making up <25% of adjacent land use.	3
	Land is not adjacent to wildlife-friendly habitat or wetlands.	0
Is the land offered for enrollment within or adjacent to an impaired water body identified on the Clean Water Act 303(d) list for Alaska?	YES	10
	NO	0
Will the restoration create space for wetland migration in coastal areas threatened by sea level rise?	YES	10
	NO	0
Amount of Wetland Restoration.	Restored wetland acres will be greater than or equal to 75% of offered acres.	10
	Restored wetland acres will be less than 75% of offered acres.	5
Extent of Hydrology Restoration.	Hydrology Functions Absent: Land has significant hydrologic modifications and the restoration of hydrology will result in a significant increase in wetland functions and values.	40
	Hydrology Functions Degraded (moderate): Land has moderate hydrologic modifications and the restoration of hydrology will result in a moderate increase in wetland functions and values.	30
	Hydrology Functions Degraded (minor): Land has minor hydrologic modifications and the restoration of hydrology will result in a minor increase in wetland functions and values.	10
Reliability of Hydrology Restoration.	Natural hydrology can be passively restored and is not dependent managed water supplies.	30
	Hydrology is partially dependent on existing managed water supplies and water rights.	20
	Hydrology is entirely dependent on existing managed water supplies and water rights.	10
Drainage Class (Determined by Permeability).	Very Slow	10
	Slow	7
	Moderate	5
	Moderately Rapid	3
	Excessive	0

Section: Resource		
Question	**Answer Choices**	**Points**
Saturation (Depth to Water Table).	0 to 1 foot	10
	1 to 3 feet	5
	Greater than 3 feet	0
What it the size of land offered for ACEP-WRE enrollment?	Greater than or equal to 50 acres	10
	Less than 50 acres	0