

## NATIONAL RANKING TEMPLATE

TEMPLATE NAME

RCPPI8 LM for US-Held Easement Restoration

PROGRAM

RCPPI8

### LAND USES

### MODIFIERS (the modifiers- must be met and are not or but and)

	Included		Included		Included		Included		Included		Included		Included		Included		Included		
Crop	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>	Hayed	<input type="checkbox"/>	Drained	<input type="checkbox"/>	Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Forest	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Range	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>			Hayed	<input type="checkbox"/>			Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Pasture	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>	Hayed	<input type="checkbox"/>	Drained	<input type="checkbox"/>	Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Farmstead	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Developed Land	<input type="checkbox"/>			Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Water	<input checked="" type="checkbox"/>			Wildlife	<input type="checkbox"/>							Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Other Rural Land	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>
Associated Ag Land	<input checked="" type="checkbox"/>	Grazed	<input type="checkbox"/>	Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>	Hayed	<input type="checkbox"/>			Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<input type="checkbox"/>	Urban	<input type="checkbox"/>

### RESOURCE CONCERN CATEGORIES

	Min%	Default	Max%	Included
<b>Air Quality emissions</b>	<b>0</b>	<b>0</b>	<b>40</b>	<input checked="" type="checkbox"/>
Emmissions of airborne reactive nitrogen	0	20	100	<input checked="" type="checkbox"/>
Emmissions of greenhouse gases - GHGs	0	20	100	<input checked="" type="checkbox"/>
Emmissions of ozone precursors	0	20	100	<input checked="" type="checkbox"/>
Emmissions of particulate matter (PM) and PM precursors	0	20	100	<input checked="" type="checkbox"/>
Objectionable odor	0	20	100	<input checked="" type="checkbox"/>
Total		100		
<b>Aquatic Habitat</b>	<b>10</b>	<b>20</b>	<b>75</b>	<input checked="" type="checkbox"/>
Aquatic habitat for fish and other organisms	0	50	100	<input checked="" type="checkbox"/>
Elevated water temperature	0	50	100	<input checked="" type="checkbox"/>
Total		100		
<b>Concentrated Erosion</b>	<b>0</b>	<b>5</b>	<b>50</b>	<input checked="" type="checkbox"/>
Bank erosion from streams, shorelines, or water conveyances channels	0	60	100	<input checked="" type="checkbox"/>
Classic gully erosion	0	20	100	<input checked="" type="checkbox"/>
Ephemeral gully erosion	0	20	100	<input checked="" type="checkbox"/>
Total		100		
<b>Degraded Plant Condition</b>	<b>5</b>	<b>15</b>	<b>50</b>	<input checked="" type="checkbox"/>
Plant productivity and health	0	50	100	<input checked="" type="checkbox"/>
Plant structure and composition	0	50	100	<input checked="" type="checkbox"/>
Total		100		
<b>Field Pesticide Loss</b>	<b>0</b>	<b>0</b>	<b>50</b>	<input checked="" type="checkbox"/>
Pesticides transported to groundwater	0	50	100	<input checked="" type="checkbox"/>
Pesticides transported to surface water	0	50	100	<input checked="" type="checkbox"/>
Total		100		

<b>Field Sediment, Nutrient, and Pathogen Loss</b>	<b>0</b>	<b>5</b>	<b>70</b>	<input checked="" type="checkbox"/>
Nutrients transported to groundwater	0	30	100	<input checked="" type="checkbox"/>
Nutrients transported to surface water	0	30	100	<input checked="" type="checkbox"/>
Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater	0	5	100	<input checked="" type="checkbox"/>
Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water	0	5	100	<input checked="" type="checkbox"/>
Sediment transported to surface water	0	30	100	<input checked="" type="checkbox"/>
Total		100		
<b>Fire Management</b>	<b>0</b>	<b>0</b>	<b>10</b>	<input checked="" type="checkbox"/>
Wildfire hazard from biomass accumulation	0	100	100	<input checked="" type="checkbox"/>
Total		100		
<b>Inefficient Energy Use</b>	<b>0</b>	<b>0</b>	<b>0</b>	<input checked="" type="checkbox"/>
Energy efficient equipment and facilities	0	0	0	<input checked="" type="checkbox"/>
Energy efficient farming/ranching practices and field operations	0	0	0	<input checked="" type="checkbox"/>
Total		0		
<b>Livestock Production Limitation</b>	<b>0</b>	<b>0</b>	<b>20</b>	<input checked="" type="checkbox"/>
Feed and forage balance	0	34	100	<input checked="" type="checkbox"/>
Inadequate livestock shelter	0	33	100	<input checked="" type="checkbox"/>
distribution	0	33	100	<input checked="" type="checkbox"/>
Total		100		
<b>Long-term Protection of Land</b>	<b>0</b>	<b>0</b>	<b>20</b>	<input checked="" type="checkbox"/>
Loss of functions and values	0	50	100	<input checked="" type="checkbox"/>
Threat of Conversion	0	50	100	<input checked="" type="checkbox"/>
Total		100		
<b>Pest Pressure</b>	<b>0</b>	<b>10</b>	<b>25</b>	<input checked="" type="checkbox"/>
Plant pest pressure	0	100	100	<input checked="" type="checkbox"/>
Total		100		
<b>Salt Losses to Water</b>	<b>0</b>	<b>5</b>	<b>50</b>	<input checked="" type="checkbox"/>
Salt transported to groundwater	0	50	100	<input checked="" type="checkbox"/>
Salt transported to surface water	0	50	100	<input checked="" type="checkbox"/>
Total		100		
<b>Soil Quality Limitations</b>	<b>0</b>	<b>0</b>	<b>70</b>	<input checked="" type="checkbox"/>
Aggregate instability	0	19	100	<input checked="" type="checkbox"/>
Compaction	0	18	100	<input checked="" type="checkbox"/>
Concentration of salts or other chemicals	0	17	100	<input checked="" type="checkbox"/>
Organic matter depletion	0	16	100	<input checked="" type="checkbox"/>
Soil organism habitat loss or degradation	0	15	100	<input checked="" type="checkbox"/>
Subsidence	0	15	100	<input checked="" type="checkbox"/>
Total		100		
<b>Source Water Depletion</b>	<b>0</b>	<b>5</b>	<b>70</b>	<input checked="" type="checkbox"/>
Groundwater depletion	0	40	100	<input checked="" type="checkbox"/>
Inefficient irrigation water use	0	0	100	<input checked="" type="checkbox"/>
Surface water depletion	0	60	100	<input checked="" type="checkbox"/>
Total		100		

<b>Storage and Handling of Pollutants</b>	<b>0</b>	<b>5</b>	<b>50</b>	<input checked="" type="checkbox"/>	
Nutrients transported to groundwater	0	50	100	<input checked="" type="checkbox"/>	
Nutrients transported to surface water	0	50	100	<input checked="" type="checkbox"/>	
Petroleum, heavy metals, and other pollutants transported to groundwater	0	0	100	<input checked="" type="checkbox"/>	
Petroleum, heavy metals, and other pollutants transported to surface water	0	0	100	<input checked="" type="checkbox"/>	
Total		100			
<b>Terrestrial Habitat</b>	<b>10</b>	<b>20</b>	<b>75</b>	<input checked="" type="checkbox"/>	
Terrestrial habitat for wildlife and invertebrates	0	100	100	<input checked="" type="checkbox"/>	
Total		100			
<b>Weather Resilience</b>	<b>0</b>	<b>5</b>	<b>20</b>	<input checked="" type="checkbox"/>	
Drifted snow	0	20	100	<input checked="" type="checkbox"/>	
Naturally available moisture use	0	20	100	<input checked="" type="checkbox"/>	
Ponding and flooding	0	20	100	<input checked="" type="checkbox"/>	
Seasonal high water table	0	20	100	<input checked="" type="checkbox"/>	
Seeps	0	20	100	<input checked="" type="checkbox"/>	
Total		100			
<b>Wind and Water Erosion</b>	<b>0</b>	<b>5</b>	<b>50</b>	<input checked="" type="checkbox"/>	
Sheet and rill erosion	0	60	100	<input checked="" type="checkbox"/>	
Wind erosion	0	40	100	<input checked="" type="checkbox"/>	
Total		100			
<b>Resource Concern Categories Total</b>		100			

<b>Conservation Activities</b>	<b>CART Practices</b>
<b>Practices</b>	See attached practice and activity list.

RANKING COMPONENT WEIGHTS	Min%	Default	Max%	Max Point	Ranking Algorithm Adjustments									
					Default	A	B	C	D	E	F	G	H	I
Vulnerabilities	5	15	45		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Planned Practice Points	5	20	20		<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
Resource Priorities	25	30	65		<input checked="" type="checkbox"/>									
Program Priorities	25	35	65		<input checked="" type="checkbox"/>									
Efficiency	0	0	0		<input checked="" type="checkbox"/>				<input type="checkbox"/>	<input checked="" type="checkbox"/>				
<b>Total</b>		100												

<b>Practice Code</b>	<b>Practice Name</b>	<b>Include</b>
314	Brush Management	X
315	Herbaceous Weed Treatment	X
326	Clearing and Snagging	X
327	Conservation Cover	X
338	Prescribed Burning	X
340	Cover Crop	X
342	Critical Area Planting	X
348	Dam, Diversion	X
351	Well Decommissioning	X
356	Dike	X
362	Diversion	X
378	Pond	X
380	Windbreak/Shelterbelt Establishment	X
382	Fence	X
383	Fuel Break	X
384	Woody Residue Treatment	X
386	Field Border	X
390	Riparian Herbaceous Cover	X
391	Riparian Forest Buffer	X
393	Filter Strip	X
394	Firebreak	X
395	Stream Habitat Improvement and Management	X
396	Aquatic Organism Passage	X
402	Dam	X
410	Grade Stabilization Structure	X
412	Grassed Waterway	X
420	Wildlife Habitat Planting	X
422	Hedgerow Planting	X
460	Land Clearing	X
466	Land Smoothing	X
472	Access Control	X
484	Mulching	X
490	Tree/Shrub Site Preparation	X
500	Obstruction Removal	X
528	Prescribed Grazing	X
533	Pumping Plant	X
550	Range Planting	X
554	Drainage Water Management	X
560	Access Road	X
575	Trails and Walkways	X
578	Stream Crossing	X
580	Streambank and Shoreline Protection	X
584	Channel Bed Stabilization	X
587	Structure for Water Control	X
590	Nutrient Management	X
595	Integrated Pest Management	X

600	Terrace	X
606	Subsurface Drain	X
607	Surface Drain, Field Ditch	X
609	Surface Roughening	X
612	Tree/Shrub Establishment	X
620	Underground Outlet	X
638	Water and Sediment Control Basin	X
643	Restoration of Rare or Declining Natural Communities	X
644	Wetland Wildlife Habitat Management	X
645	Upland Wildlife Habitat Management	X
646	Shallow Water Development and Management	X
647	Early Successional Habitat Development/Management	X
649	Structures for Wildlife	X
650	Windbreak/Shelterbelt Renovation	X
654	Road/Trail/Landing Closure & Treatment	X
655	Forest Trails and Landings	X
656	Constructed Wetland	X
657	Wetland Restoration	X
658	Wetland Creation	X
659	Wetland Enhancement	X
660	Tree/Shrub Pruning	X
666	Forest Stand Improvement	X
755	Well Plugging	X
775	Drainage Ditch Covering	X