



Ranking Pool Report

Ranking FY23- RCPP #2697 Engaging Small AFOs-
Pool: LM Producer

Program: RCPP18

Pool Status: Active

States: MD (Admin)

Template: RCPP 2018 FY 22 Land Management and
 Rental Activity

**Template
 Status:** Active

**Last
 Modified By:** Lauren Carter

**Last
 Modified:** 09/21/2023

Land Uses and Modifiers

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

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	2	100
Aquatic habitat	0	15	100
Concentrated erosion	0	5	100
Degraded plant condition	0	2	100
Field pesticide loss	0	5	100
Field sediment, nutrient and pathogen loss	0	15	100
Fire management	0	--	100
Inefficient energy use	0	2	100
Livestock production limitation	0	5	100
Long term protection of land	0	--	100
Pest pressure	0	5	100
Salt losses to water	0	--	100
Soil quality limitations	0	5	100
Source water depletion	0	2	100
Storage and handling of pollutants	0	15	100
Terrestrial habitat	0	15	100
Weather resilience	0	2	100

Categories

Category	Min %	Default %	Max %
Wind and water erosion	0	5	100

Air quality emissions

Resource Concern	Min %	Default %	Max %
Emissions of airborne reactive nitrogen	0	20	100
Emissions of greenhouse gases - GHGs	0	20	100
Emissions of ozone precursors	0	20	100
Emissions of particulate matter (PM) and PM precursors	0	20	100
Objectionable odor	0	20	100

Aquatic habitat

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

Concentrated erosion

Resource Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	0	30	100
Classic gully erosion	0	35	100
Ephemeral gully erosion	0	35	100

Degraded plant condition

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

Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	50	100
Pesticides transported to surface water	0	50	100

Field sediment, nutrient and pathogen loss

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

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	0	20	100
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	0	20	100
Sediment transported to surface water	0	20	100

Fire management

Resource Concern	Min %	Default %	Max %
Wildfire hazard from biomass accumulation	0	100	100

Inefficient energy use

Resource Concern	Min %	Default %	Max %
Energy efficiency of equipment and facilities	0	50	100
Energy efficiency of farming/ranching practices and field operations	0	50	100

Livestock production limitation

Resource Concern	Min %	Default %	Max %
Feed and forage balance	0	35	100
Inadequate livestock shelter	0	30	100
Inadequate livestock water quantity, quality and distribution	0	35	100

Long term protection of land

Resource Concern	Min %	Default %	Max %
Loss of functions and values	0	50	100
Threat of conversion	0	50	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 %
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Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	0	15	100
Compaction	0	20	100
Concentration of salts or other chemicals	0	15	100
Organic matter depletion	0	20	100
Soil organism habitat loss or degradation	0	20	100
Subsidence	0	10	100

Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	0	35	100
Inefficient irrigation water use	0	35	100
Surface water depletion	0	30	100

Storage and handling of pollutants

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	25	100
Nutrients transported to surface water	0	25	100
Petroleum, heavy metals and other pollutants transported to groundwater	0	25	100
Petroleum, heavy metals and other pollutants transported to surface water	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	20	100
Naturally available moisture use	0	20	100
Ponding and flooding	0	20	100
Seasonal high water table	0	20	100
Seeps	0	20	100

Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	0	95	100
Wind erosion	0	5	100

Practices

Practice Name	Practice Code	Practice Type
Comprehensive Nutrient Management Plan	102	Activities
Grazing Management Plan	110	Activities
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
Residue and Tillage Management, No Till	329	Conservation Practices
Contour Buffer Strips	332	Conservation Practices
Cover Crop	340	Conservation Practices
Critical Area Planting	342	Conservation Practices
Residue and Tillage Management, Reduced Till	345	Conservation Practices
Waste Facility Closure	360	Conservation Practices
Diversion	362	Conservation Practices
Roofs and Covers	367	Conservation Practices
Fence	382	Conservation Practices
Field Border	386	Conservation Practices
Riparian Herbaceous Cover	390	Conservation Practices
Riparian Forest Buffer	391	Conservation Practices
Grassed Waterway	412	Conservation Practices
Lined Waterway or Outlet	468	Conservation Practices
Mulching	484	Conservation Practices
Tree/Shrub Site Preparation	490	Conservation Practices
Obstruction Removal	500	Conservation Practices
Pasture and Hay Planting	512	Conservation Practices
Livestock Pipeline	516	Conservation Practices


Practice Name	Practice Code	Practice Type
Prescribed Grazing	528	Conservation Practices
Pumping Plant	533	Conservation Practices
Drainage Water Management	554	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
Spoil Disposal	572	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
Structure for Water Control	587	Conservation Practices
Nutrient Management	590	Conservation Practices
Subsurface Drain	606	Conservation Practices
Tree/Shrub Establishment	612	Conservation Practices
Watering Facility	614	Conservation Practices
Underground Outlet	620	Conservation Practices
Waste Treatment	629	Conservation Practices
Waste Separation Facility	632	Conservation Practices
Waste Transfer	634	Conservation Practices
Vegetated Treatment Area	635	Conservation Practices
Water Well	642	Conservation Practices

Ranking Weights

Factors	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	5	25	45
Planned Practice Effects	Default	20	20	50

Factors	Algorithm	Allowable Min	Default	Allowable Max
Resource Priorities	Default	20	25	50
Program Priorities	Default	15	20	50
Efficiencies	Default	0	10	10

Display Group: Engaging Small AFOs (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 application in the Chesapeake Bay Watershed in Maryland?	YES	--
	NO	--

Survey: Category Questions

Section: Category		
Question	Answer Choices	Points
Will the applicant be implementing a full Comprehensive Nutrient Management Plan (CNMP) through this application or has previously implemented a CNMP and is applying for the implementation of a supporting practice?	Yes, will be implementing a full CNMP or has previously implemented a CNMP and is applying for the implementation of a supporting practice.	--
	No, will not be implementing a full CNMP or has not previously implemented a CNMP and is not applying for a supporting practice.	--

Survey: Program Questions

Section: Program		
Question	Answer Choices	Points
Are livestock currently excluded from all surface waters?	YES	80
	NO	0
Does the application include fencing to exclude livestock from all surface water?	YES	80
	NO	0
Will this application include an ag waste practice that will allow the producer to meet NM regulations?	YES	20
	NO	0
Is any portion of the land in the operation in a source water designated priority watershed?	YES	20
	NO	0

Survey: Resource Questions

Section: Resource		
Question	Answer Choices	Points
Which of the following choices apply to the farm operation:	The resource concern to be address is within less than 100 feet from surface water, and the planned practice will reduce the risk of nutrient or sediment transport to surface water?	100
	The resource concern to be address is between 101- 300 feet from surface water, and the planned practice will reduce the risk of nutrient or sediment transport to surface water?	80
	The resource concern to be address is between 301- 500 feet from surface water, and the planned practice will reduce the risk of nutrient or sediment transport to surface water?	50
	None of the above.	0
Is the predominant acreage of the tract within an impaired area that is in the 75th percentile or greater for BOTH, Nitrogen and Phosphorus yields delivered to water bodies?	The predominant acreage of the tract is within an impaired area that is in the 75th percentile or greater for BOTH, Nitrogen and Phosphorus yields delivered to water bodies.	40
	The predominant acreage of the tract within an impaired area that is in the 75th percentile or greater for Nitrogen OR Phosphorus yields delivered to water bodies.	30
	The predominant acreage of the tract within an impaired area that is between 50-75th percentile for BOTH, Nitrogen and Phosphorus yields delivered to water bodies.	20
	None of the above.	0
Does the application include one or more of these practices identified as an AVOIDING measure?	YES	20
	NO	0
Does the application include one or more of these practices identified as a CONTROLLING measure?	YES	15
	NO	0
Does the application include one or more of these practices identified as a TRAPPING measure?	YES	10
	NO	0
Does the site where the practice is to be implemented have a high or moderately high runoff potential as identified in the Maryland Soil Runoff Risk Assessment GIS layer? If yes, Will the planned practice reduce the risk of nutrient or chemical loss due to runoff?	YES	10
	NO	0
Does the predominant soil where the practice is to be applied have a high or moderately high leaching potential as identified in the Maryland Soil Leaching Risk Assessment GIS layer? If yes, Will the planned practices reduce the risk of nutrient or chemical loss due to leaching?	YES	15
	NO	0