

# Ranking Tool Summary

## for FY2007 - Potomac Valley LWG Grazingland

(Draft)

### Description:

### Land Uses:

Crop, Forest, Hay, Headquarters, Natural Area, Pasture, Wildlife

### Efficiency Score:

Scoring Multiplier: 1.00

Scoring Ranges and Results Text:

High: 100 - 75	Medium: 74 - 50	Low: 49 - 25
The application addresses most resource concerns.	The application addresses some resource concerns	The application addresses few resource concerns.

### National Priorities:

Scoring Multiplier: 1.00

Scoring Ranges and Results Text:

High: 30 - 24	Medium: 23 - 12	Low: 11 - 6
The application addresses at least four national resource concerns.	The application addresses two or three national resource concerns	The application addresses one national resource concern.

### Questions:

Number	Question	Points
1	Will the treatment you intend to implement using EQIP result in considerable reductions of non-point source pollution, such as nutrients, sediment, pesticides, excess salinity in impaired watersheds consistent with TMDL's where available as well as the reduction of groundwater contamination or point source such as contamination from confined animal feeding operations?	6

2	Will the treatment you intend to implement using EQIP result in the conservation of a considerable amount of ground or surface water resources?	6
3	Will the treatment you intend to implement using EQIP result in a considerable reduction of emissions, such as particulate matter, nitrogen oxides (NOx), volatile organic compounds, and ozone precursors and depleters that contribute to air quality impairment violations of National Ambient Air Quality Standards?	6
4	Will the treatment you intend to implement using EQIP result in a considerable reduction in soil erosion and sedimentation from unacceptable levels on agricultural land?	6
5	Will the treatment you intend to implement using EQIP result in a considerable increase in the promotion of at-risk species habitat conservation?	6
	Total Points	30

## State Issues:

Scoring Multiplier: 1.00

Scoring Ranges and Results Text:

High: 30 - 24	Medium: 23 - 12	Low: 11 - 6
The application addresses at least four state resource concerns.	The application addresses two or three state resource concerns	The application addresses one state resource concern.

## Questions:

Number	Question	Points
1	Will implementation of the items in the EQIP contract bring the management of the associated land unit to the RMS level?	6
2	Is the land unit specified in this application covered under an existing conservation plan which includes the practices to be included in the EQIP contract?	6
3	Will the implementation of the EQIP contract address resource concerns associated with livestock which are overwintered on the land unit.	6
4	Has the applicant completed , without cancellation or termination except for NRCS reasons, all Farm Bill Program contracts held prior to this application? Answer yes if this is the first contract for this applicant.	6

5	Is the applicant completing contract items as scheduled in all existing contracts held by the applicant? Answer yes if this is the first contract for this applicant.	6
	Total Points	30

**Local Issues:**

Scoring Multiplier: 1.00

Scoring Ranges and Results Text:

High: 40 - 32	Medium: 31 - 16	Low: 15 - 8
The application addresses at least four local resource concerns.	The application addresses two or three local resource concerns.	The application addresses one local resource concern.

Questions:

Number	Question	Points
1	Will all grazed fields on the land under this contract be managed in compliance with the 528 standard and specifications?	8
2	Will items installed through this contract help to control the presence and spread of unwanted pasture plant species on the operating unit?	8
3	Will livestock be excluded from environmentally sensitive areas on the operating unit with measures implemented under this contract?	8
4	Are there areas that require critical area treatment within the grazed areas on the proposed contract acreage?	8
5	Is the quantity of livestock water inadequate for the quantity of forage produced, or is distribution of livestock water inadequate for the intended grazing system?	8
	Total Points	40

**Selected Resource Concerns and Practices:**

Air Quality: Ammonia (NH<sub>3</sub>)

Animal Mortality Facility (316)  
Prescribed Grazing (528)

Air Quality: Objectionable Odors

Agrichemical Handling Facility (702)  
Animal Mortality Facility (316)  
Field Border (386)  
Prescribed Grazing (528)  
Tree/Shrub Establishment (612)  
Use Exclusion (472)  
Waste Storage Facility (313)  
Windbreak/Shelterbelt Establishment (380)

Domestic Animals: Inadequate Quantities and Quality of Feed and Forage

Cover Crop (340)  
Critical Area Planting (342)  
Pasture and Hay Planting (512)  
Prescribed Grazing (528)  
Use Exclusion (472)

Domestic Animals: Inadequate Shelter

Heavy Use Area Protection (561)

Domestic Animals: Inadequate Stock Water

Pipeline (516)  
Pond (378)  
Pumping Plant (533)  
Spring Development (574)  
Tree/Shrub Establishment (612)  
Water Harvesting Catchment (636)  
Water Well (642)  
Watering Facility (614)

Domestic Animals: Stress and Mortality

Agrichemical Handling Facility (702)  
Animal Mortality Facility (316)  
Animal Trails and Walkways (575)  
Heavy Use Area Protection (561)  
Pasture and Hay Planting (512)  
Pipeline (516)  
Pond (378)  
Pumping Plant (533)  
Roof Runoff Structure (558)  
Spring Development (574)  
Stream Crossing (578)  
Tree/Shrub Establishment (612)  
Use Exclusion (472)

Waste Storage Facility (313)

Water Harvesting Catchment (636)

Water Well (642)

Watering Facility (614)

Fish and Wildlife: Inadequate Cover/Shelter

Cover Crop (340)

Critical Area Planting (342)

Field Border (386)

Filter Strip (393)

Fish and Wildlife: Inadequate Food

Cover Crop (340)

Critical Area Planting (342)

Field Border (386)

Filter Strip (393)

Fish and Wildlife: Inadequate Water

Fish and Wildlife: T&E Species: Declining Species, Species of Concern

Filter Strip (393)

Pest Management (595)

Prescribed Grazing (528)

Riparian Forest Buffer (391)

Stream Crossing (578)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Fish and Wildlife: Threatened and Endangered Fish and Wildlife Species

Filter Strip (393)

Pest Management (595)

Prescribed Grazing (528)

Riparian Forest Buffer (391)

Stream Crossing (578)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Plant Condition: Forage Quality and Palatability

Cover Crop (340)

Critical Area Planting (342)

Pasture and Hay Planting (512)

Pest Management (595)

Prescribed Grazing (528)

Use Exclusion (472)

Plant Condition: Noxious and Invasive Plants

Critical Area Planting (342)

Pasture and Hay Planting (512)

Pest Management (595)

Prescribed Grazing (528)

Plant Condition: Plants not adapted or suited

- Critical Area Planting (342)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

Plant Condition: Productivity, Health and Vigor

- Agrichemical Handling Facility (702)
- Cover Crop (340)
- Critical Area Planting (342)
- Diversion (362)
- Grassed Waterway (412)
- Irrigation System, Microirrigation (441)
- Irrigation System, Sprinkler (442)
- Irrigation Water Conveyance, Pipeline, H (430DD)
- Irrigation Water Conveyance, Pipeline, L (430EE)
- Irrigation Water Management (449)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Prescribed Grazing (528)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

Soil Condition: Compaction

- Animal Trails and Walkways (575)
- Cover Crop (340)
- Critical Area Planting (342)
- Forest Trails and Landings (655)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Spring Development (574)
- Stream Crossing (578)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Windbreak/Shelterbelt Establishment (380)

Soil Condition: Contaminants - Residual Pesticides

- Agrichemical Handling Facility (702)
- Cover Crop (340)
- Critical Area Planting (342)
- Field Border (386)
- Filter Strip (393)

Pasture and Hay Planting (512)  
Pest Management (595)  
Riparian Forest Buffer (391)

Soil Condition: Contaminants-Animal Waste and Other Organics - N

Cover Crop (340)  
Heavy Use Area Protection (561)  
Nutrient Management (590)  
Pasture and Hay Planting (512)  
Prescribed Grazing (528)  
Riparian Forest Buffer (391)  
Tree/Shrub Establishment (612)  
Use Exclusion (472)  
Waste Storage Facility (313)

Soil Condition: Contaminants-Animal Waste and Other Organics - P

Cover Crop (340)  
Heavy Use Area Protection (561)  
Pasture and Hay Planting (512)  
Prescribed Grazing (528)  
Riparian Forest Buffer (391)  
Tree/Shrub Establishment (612)  
Use Exclusion (472)  
Waste Storage Facility (313)

Soil Condition: Damage from Sediment Deposition

Cover Crop (340)  
Critical Area Planting (342)  
Field Border (386)  
Filter Strip (393)  
Grassed Waterway (412)  
Prescribed Grazing (528)  
Riparian Forest Buffer (391)  
Streambank and Shoreline Protection (580)  
Tree/Shrub Establishment (612)  
Use Exclusion (472)

Soil Condition: Organic Matter Depletion

Cover Crop (340)  
Critical Area Planting (342)  
Pasture and Hay Planting (512)  
Prescribed Grazing (528)  
Riparian Forest Buffer (391)  
Tree/Shrub Establishment (612)  
Use Exclusion (472)

Soil Erosion: Classic Gully

Critical Area Planting (342)

- Diversion (362)
- Grassed Waterway (412)
- Pasture and Hay Planting (512)
- Pond (378)
- Prescribed Grazing (528)
- Riparian Herbaceous Cover (390)
- Use Exclusion (472)

#### Soil Erosion: Ephemeral Gully

- Critical Area Planting (342)
- Diversion (362)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Pasture and Hay Planting (512)
- Pond (378)
- Prescribed Grazing (528)
- Roof Runoff Structure (558)
- Stream Crossing (578)
- Use Exclusion (472)

#### Soil Erosion: Mass Movement

- Critical Area Planting (342)
- Diversion (362)
- Pasture and Hay Planting (512)
- Prescribed Grazing (528)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

#### Soil Erosion: Road, Road Sides and Construction Sites

- Critical Area Planting (342)
- Heavy Use Area Protection (561)
- Roof Runoff Structure (558)
- Stream Crossing (578)
- Use Exclusion (472)

#### Soil Erosion: Sheet and Rill

- Cover Crop (340)
- Critical Area Planting (342)
- Diversion (362)
- Field Border (386)
- Heavy Use Area Protection (561)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)
- Stream Crossing (578)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Soil Erosion: Streambank

Animal Trails and Walkways (575)

Critical Area Planting (342)

Riparian Forest Buffer (391)

Stream Crossing (578)

Streambank and Shoreline Protection (580)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Water Quality: Excessive Nutrients and Organics in Surface Water

Animal Trails and Walkways (575)

Cover Crop (340)

Critical Area Planting (342)

Field Border (386)

Filter Strip (393)

Grassed Waterway (412)

Heavy Use Area Protection (561)

Pasture and Hay Planting (512)

Prescribed Grazing (528)

Riparian Forest Buffer (391)

Roof Runoff Structure (558)

Spring Development (574)

Stream Crossing (578)

Streambank and Shoreline Protection (580)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Waste Storage Facility (313)

Water Quality: Excessive Suspended Sediment and Turbidity in Surface Water

Animal Trails and Walkways (575)

Cover Crop (340)

Critical Area Planting (342)

Field Border (386)

Filter Strip (393)

Grassed Waterway (412)

Heavy Use Area Protection (561)

Pasture and Hay Planting (512)

Prescribed Grazing (528)

Riparian Forest Buffer (391)

Stream Crossing (578)

Streambank and Shoreline Protection (580)

Tree/Shrub Establishment (612)

Use Exclusion (472)

## Water Quality: Harmful Levels of Pathogens in Groundwater

- Animal Mortality Facility (316)
- Diversion (362)
- Prescribed Grazing (528)
- Roof Runoff Structure (558)
- Use Exclusion (472)
- Waste Storage Facility (313)

## Water Quantity: Excessive Runoff, Flooding, or Ponding

- Cover Crop (340)
- Diversion (362)
- Grassed Waterway (412)
- Pumping Plant (533)
- Riparian Forest Buffer (391)
- Roof Runoff Structure (558)
- Tree/Shrub Establishment (612)
- Underground Outlet (620)

## Water Quantity: Excessive Subsurface Water

- Tree/Shrub Establishment (612)
- Underground Outlet (620)

## Water Quantity: Inefficient Water Use on Irrigated Land

- Diversion (362)
- Irrigation System, Microirrigation (441)
- Irrigation System, Sprinkler (442)
- Irrigation Water Conveyance, Pipeline, H (430DD)
- Irrigation Water Conveyance, Pipeline, L (430EE)
- Irrigation Water Management (449)
- Mulching (484)
- Pond (378)
- Pumping Plant (533)
- Spring Development (574)
- Water Harvesting Catchment (636)
- Water Well (642)

## Water Quantity: Reduced Storage of Water Bodies by Sediment Accumulation

- Animal Trails and Walkways (575)
- Cover Crop (340)
- Critical Area Planting (342)
- Diversion (362)
- Filter Strip (393)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Pond (378)
- Prescribed Grazing (528)
- Riparian Forest Buffer (391)

Stream Crossing (578)  
Streambank and Shoreline Protection (580)  
Tree/Shrub Establishment (612)  
Use Exclusion (472)  
Water Well (642)  
Watering Facility (614)