

DRAFT EQIP Ranking Worksheet

Client							Date	March 22, 2004				
Farm / Tract(s)							County	Canyon				
Sign-Up		EQIP Ranking Period FY 2004					By					
Resource Concerns	Weight Factor (1-25)	CMU 1		CMU 2		CMU 3		CMU 4		CMU 5		
		Score	Score	Score	Score	Score	Score	Score	Score			
1. Soil Erosion - Sheet & Rill Erosion	1		0		0		0		0		0	
2. Soil Erosion - Wind Erosion	1		0		0		0		0		0	
3. Soil Erosion - Classic Gully Erosion	5		0		0		0		0		0	
4. Soil Erosion -Streambank and/or Shoreline	5		0		0		0		0		0	
5. Soil Erosion - Irrigation Induced	25		0		0		0		0		0	
6. Soil Condition - Organic Matter Depletion	15		0		0		0		0		0	
7. Water Quantity -Inefficient Water Use on Irrigated Land	10		0		0		0		0		0	
8. Water Quality- Excessive Nutrients and Organics	25		0		0		0		0		0	
9. Air Quality - Particulate mater less than 10 micrometers (PM10)	10		0		0		0		0		0	
10. Plant condition - Noxious and Invasive Plants	1		0		0		0		0		0	
11. Plant condition: Productivity, Health & Vigor	1		0		0		0		0		0	
12.Domestic Animals - Inadequate Quanties and Quality of Feed and/or Water	15		0		0		0		0		0	
13. Fish and Wildlife - Inadequate Food/Cover/Water (Aquatics Only)	1		0		0		0		0		0	
14. Fish and Wildlife - Inadequate Food/Cover/Water (Terrestrial Only)	15		0		0		0		0		0	
15. Soil Erosion- Overland Flow and Scoured Areas	18		0		0		0		0		0	
16. Water Quality-Harmful Levels of Pathogens (Surface Water)	25		0		0		0		0		0	
Number of Resource Concerns		0		0		0		0		0		
Weighted CMU Score												

The contract application is very likely to benefit the following resources:

- Idaho Selected T&E Species (Aquatics & N. Id. Grd. Squirrel)
- 303d listed water body
- TMDL Implementation Watershed
- Critical Drinking Protection Area
- Ground Water Vulnerability Area
- Groundwater Nitrate Priority Area
- Livestock operation

Average of CMU Scores

NOTES:

Producer Signature of Review: \_\_\_\_\_ Date: \_\_\_\_\_

NRCS-ID

## DRAFT EQIP Ranking Worksheet

**Cell:** B3

**Comment:** Please use drop down list for choice

**Cell:** B4

**Comment:** Must be at least 1 or math will cause an error.

**Cell:** C4

**Comment:** CMU=Conservation Management Unit

**Cell:** E4

**Comment:** CMU = Conservation Management Unit

**Cell:** G4

**Comment:** CMU = Conservation Management Unit

**Cell:** I4

**Comment:** CMU = Conservation Management Unit

**Cell:** K4

**Comment:** CMU = Conservation Management Unit

**Cell:** A6

**Comment:** Definition: The detachment and transport of soil particles by raindrop impact, surface runoff from rainfall and snowmelt runoff on frozen and thawing soil that results in a negative impact on soil productivity.

**Cell:** A7

**Comment:** Definition: The detachment and transport of soil particles by wind forces resulting in a negative impact on soil quality and/or damage to plants

**Cell:** A8

**Comment:** Definition: Deep, permanent channels caused by the convergence of surface runoff degrade soil quality. They enlarge progressively by headcutting and lateral widening. This does not include erosion from irrigation water. See Irrigation Included Erosion below.

**Cell:** A9

**Comment:** Definition: Accelerated loss of streambank soils restricts land and water use and management and/or Soil is eroded along shorelines by wind and wave action, causing physical damage to vegetation, limiting land use, or creating a safety hazard.

**Cell:** A10

**Comment:** Definition: Improper irrigation water application and equipment operation are causing soil erosion that degrades soil quality. This includes concentrated flow erosion due to tailwater.

**Cell:** A11

**Comment:** Definition: Soil organic matter has or will diminish to a level that degrades soil quality. The Soil Condition Index will be used to determine benchmark and/or planned condition. Guidance document SCI runs may be used.

**Cell:** A12

**Comment:** Definition: Water supplies are not optimally utilized. The seasonal irrigation efficiency is less than 85% of the designed efficiency of the system, as per the Idaho Irrigation Guide

**DRAFT EQIP Ranking Worksheet****Cell: A13**

**Comment:** Definition: Pollution from natural or human induced nutrients such as N, P, and organics (including animal and other wastes) degrades groundwater and/or surface water quality.

**Cell: A14**

**Comment:** Definition:

Particulate matter less than 10 micrometers in diameter are suspended in the air causing potential health hazards to humans and animals.

**Cell: A15**

**Comment:** Definition: The site has noxious or invasive plants as listed by the State of Idaho are present and in an amount and location where successful control has a reasonable chance of success.

**Cell: A16**

**Comment:** Definition: Plants do not produce the yields, quality, and soil cover to meet client objectives.

Plant community fails to meet the following:

Pastureland: Forage yields are at least 75% of high management estimates cited in Soil Survey Report.

Hayland: Forage yields are at least 75% of high management estimates cited in Soil Survey Report.

Rangeland: Rangelands have a stable or upward trend and adequate plant residues for soil protection during the critical erosion period when the site: 1) is apparently below an ecological threshold that will prevent recovery to former historic climax or 2) will make an unusually slow recovery in spite of planned treatments.

Forestland/Agroforest: Forests consist of healthy stands with vigorous growth having a stand density within 25% of optimum stocking on a stems/acre basis. Plants chosen for agroforest applications are consistent with Conservation Tree and Shrub Groups (CTSG) listings and height performance.

**Cell: A17**

**Comment:** Applies to Domestic Livestock ONLY

A. Feed Definition: Total feed and forage is insufficient to meet the nutritional and production needs of the kinds and classes of livestock

B. Water – Quantity and Quality - Definition: The quantity, quality and distribution of drinking water is insufficient to meet the production goals for the kinds and classes of livestock

**Cell: A18**

**Comment:** Definition: The quality of surface waters (Natural water bodies only -- not canals or waste ditches) to support aquatic life is limited by inadequate habitat. Applies to aquatic habitat including riparian and instream habitats, migration routes, thermal conditions, flow regime, stream morphology or floodplain function is impaired by management activities. Habitat for invertebrates, amphibians, fish or other aquatic species is limited.

TOOL: Stream Visual Assessment Protocol (Biology Tech Note 29)-- contact your Area Biologist for assistance.

**Cell: A19**

**Comment:** Applies to Wildlife animals ONLY

A. Food - Definition: Quantity and quality of food is inadequate for the needs of the target animal.

B. Cover and/or Shelter - Definition: Cover, shelter and/or space are inadequate for the needs of the target animal.

C. Water – Quantity and Quality - Definition: Water quantity and/or quality are inadequate for the needs of the target animal.

TOOL: Wildlife Habitat Evaluation Guide (Biology Tech Note 19) -- contact your Area Biologist for assistance.

**Cell: A20**

**Comment:** Definition: The movement of soil from scour areas by water resulting in a negative impact to the soil resource. IE. (Erosive Waste Ditch that transfers and/or collects water).

**Cell: A21**

**Comment:** Definition: Kinds and numbers of viruses, protozoa, and bacteria are present at a level that degrades surface water quality.

Tools: • Surface water pathogen sampling and assay

-National Lengineering Handbook,

-Waste Mgt Fiedl Handbook'

-