

## EVALUATION AND DETERMINATION

### Achieving the Idaho Standards for Rangeland Health and Conformance with the Guidelines for Livestock Grazing Management

**Field Office:** 095- Four Rivers

**Determination Date:** September 29, 2004

**Grazing Allotment Name and Number:**

Cambridge Allotment #82

**Name of Permittee(s):**

Shirts Brothers

#1101292

**Standard 1: Watersheds**

Standard doesn't apply

*Watersheds provide for the proper infiltration, retention, and release of water appropriate to soil type, vegetation, climate and landform to provide for proper nutrient cycling, hydrologic cycling, and energy flow.*

**Evaluation and Information Sources (required, regardless of which box is checked):**

**Rangeland Health:** Based on field observations and review of all existing data and information, the watershed is properly functioning and there are no significant affects on rangeland health within the allotment boundaries.

**Rangeland Health Changes:** There are no notable or documented changes to the functioning properties of the watershed.

**Livestock Grazing Management:**

Livestock		Season of Use	Percent Public Land	AUMs		
Numbers	Kind			Authorized	Suspended	Total
410	Sheep	04/15 to 05/15	100%	81	0	81

40 acres of public land were patented April 13, 2003 to the current permittee. Livestock grazing is on a season-long basis. The allotment is in the "custodial" management category which is defined as management to prevent resource deterioration.

[Check box 1, 2, 3, 4 or 5, and either box 6 or 7.]

<p>1 <input checked="" type="checkbox"/> Meeting the Standard</p>	<p>5 <input type="checkbox"/> Not Meeting the Standard, cause not determined</p>
<p>2 <input type="checkbox"/> Not Meeting the Standard, <b>but making significant progress towards</b></p>	
<p>3 <input type="checkbox"/> Not Meeting the Standard, current livestock grazing management practices are <b>not</b> significant factors (list important causal agents)</p>	<p>6 <input checked="" type="checkbox"/> Conforms with Guidelines for Livestock Grazing Management.</p>
<p>4 <input type="checkbox"/> Not Meeting the Standard, current livestock grazing management practices are significant factors (list important causal agents)</p>	<p>7 <input type="checkbox"/> Does not conform with Guidelines for Livestock Grazing Management (list Guidelines No(s) in non-conformance)</p>

**Standard 2: Riparian Areas and Wetlands**

Standard doesn't apply

*Riparian-wetland areas are in properly functioning condition appropriate to soil type, climate, geology, and landform to provide for proper nutrient cycling, hydrologic cycling, and energy flow.*

**Evaluation and Information Sources (required, regardless of which box is checked):**

There are no riparian or wetland areas within Cambridge Allotment.

**Rangeland Health:**

**Rangeland Health Change:**

**Livestock Grazing Management:**

[Check box 1, 2, 3, 4 or 5, and either box 6 or 7.]

1 <input type="checkbox"/> Meeting the Standard	5 <input type="checkbox"/> Not Meeting the Standard, cause not determined
2 <input type="checkbox"/> Not Meeting the Standard, <b>but making significant progress towards</b>	
3 <input type="checkbox"/> Not Meeting the Standard, current livestock grazing management practices are <b>not</b> significant factors	6 <input type="checkbox"/> Conforms with Guidelines for Livestock Grazing Management.
4 <input type="checkbox"/> Not Meeting the Standard, current livestock grazing management practices are significant factors	7 <input type="checkbox"/> Does not conform with Guidelines for Livestock Grazing Management (list Guidelines No(s) in non-conformance)

**Standard 3: Stream Channel/Floodplain**

Standard doesn't apply

*Stream channels and floodplains are properly functioning relative to the geomorphology (e.g., gradient, size, shape, roughness, confinement, and sinuosity) and climate to provide for proper nutrient cycling, hydrologic cycling, and energy flow.*

**Evaluation and Information Sources (required, regardless of which box is checked):**

There are no stream channels and flood plains within Cambridge Allotment.

**Rangeland Health:**

**Rangeland Health Change:**

**Livestock Grazing Management:**

[Check box 1, 2, 3, 4 or 5, and either box 6 or 7.]

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**Standard 4: Native Plant Communities**

Standard doesn't apply

*Healthy, productive, and diverse native animal habitat and populations of native plants are maintained or promoted as appropriate to soil type, climate, and landform to provide for proper nutrient cycling, hydrologic cycling, and energy flow.*

**Evaluation and Information Sources (required, regardless of which box is checked):**

**Rangeland Health:** Based on field observations and review of all existing data and information, there are no significant affects on the native plant community. There are no known noxious weeds or special status plant species within the allotment boundaries.

**Rangeland Health Change:** There are no notable or documented changes to the health of native plant communities.

**Livestock Grazing Management:**

Livestock		Season of Use	Percent Public Land	AUMs		
Numbers	Kind			Authorized	Suspended	Total
410	Sheep	04/15 to 05/15	100%	81	0	81

203.48 acres of public land were patented April 13, 2003 to the current permittee. Livestock grazing is on a season-long basis. The allotment is in the “custodial” management category which is defined as management to prevent resource deterioration.

[Check box 1, 2, 3, 4 or 5, and either box 6 or 7.]

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**Standard 5: Seedings**

Standard doesn't apply

*Rangelands seeded with mixtures, including predominately non-native plants, are functioning to maintain life form diversity, production, native animal habitat, nutrient cycling, energy flow, and the hydrologic cycle.*

**Evaluation and Information Sources (required, when boxes 1 through 7 are checked):**

Rangelands have not been seeded with non-native seed mixtures within Cambridge Allotment.

**Rangeland Health:**

**Rangeland Health Change:**

**Livestock Grazing Management:**

[Check box 1, 2, 3, 4 or 5, and either box 6 or 7.]

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**Standard 6: Exotic Plant Communities, Other than Seedings**

Standard doesn't apply

*Exotic plant communities, other than seedings, will meet minimum requirements of soil stability and maintenance of existing native and seeded plants.*

**Evaluation and Information Sources (required regardless of which box is checked):**

Native plant communities are the primary ecosystem found in Cambridge Allotment.

**Rangeland Health:**

**Rangeland Health Change:**

**Livestock Grazing Management:**

[Check box 1, 2, 3, 4 or 5, and check either box 6 or 7.]

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**Standard 7: Water Quality**

Standard doesn't apply

*Surface and ground water on public lands comply with the Idaho Water Quality Standards.*

**Evaluation and Information Sources (required, regardless of which box is checked):**

Surface or ground water is not found on public land within Cambridge Allotment.

**Rangeland Health:**

**Rangeland Health Change:**

**Livestock Grazing Management:**

[Check box 1, 2, 3, 4 or 5, and either box 6 or 7.]

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**Standard 8: Threatened and Endangered Plants and Animals**

Standard doesn't apply

*Habitats are suitable to maintain viable populations of threatened and endangered, sensitive, and other special status species.*

**Evaluation and Information Sources (required, regardless of which box is checked):**

**Plants:** There are no populations of threatened, endangered, or sensitive plant species known from Cambridge Allotment at the present time.

**Fisheries:** Not applicable

**Wildlife:** Based on field observations, there are no significant affects on the native plant community. There are no known noxious weeds or special status plant species within the allotment boundary. Standards were met for upland habitats which provide for the needs of upland dependent animal species on Cambridge Allotment. No riparian habitat occurred on public land within the allotment.

**Rangeland Health:**

**Rangeland Health Change:**

**Livestock Grazing Management:**

[Check box 1, 2, 3, 4 or 5, and either box 6 or 7.]

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**Field Manager's Determination Rationale:**

Cambridge Allotment received ocular observations and was field mapped during the summer of 2002. Adams and Washington Counties Soil Survey, published by the Natural Resources Conservation Service, was used as a base map from which soil polygons were field checked for correlation to ecological site descriptions. *Interagency Technical Reference 1734-6, Indicator for Rangeland Health*, was used as a guide when observing rangeland health.

The allotment includes 480 acres of public land fenced in with 680 acres of private land, after disposal per the RMP. Field mapping, completed in 2002, indicates on-the-ground fencing is different than designated RMP allotment boundary lines. Per the Cascade Resource Management Plan, these public lands will be managed to maintain or enhance forage production for livestock and wildlife while maintaining site productivity and to provide for other uses.

Based on information presented here and in the Initial Allotment and Permit/Lease Review and Rangeland Health Assessment, prepared July 13, 2004, I have determined that all applicable Standards for Rangeland Health and Guidelines for Livestock Grazing Management for Cambridge Allotment #82 are being met.

/s/ Mitchell A. Jaurena

**Mitchell A. Jaurena**  
**Acting Four Rivers Field Manager**

September 29, 2004

**Date**