

2010 Annual Operating Instructions

Grommund and Sourdough C&H Allotments

Powder River Ranger District

Bighorn National Forest

District Ranger _____ Date _____

Permittee _____ Date _____

GROMMUND AND SOURDOUGH C&H ALLOTMENTS
Year 2010 Annual Operating Instructions

Permitted and Authorized Use for 2010:

Grommund and Sourdough C&H Allotment Permittees	LS Kind	LS Class	Permitted Use			Requested Use for 201		
			LS #	From	Use To	LS #	From	Use To
Robert W. Palmersheim	Cattle	Mature	159	07/07	09/30	Applied for Personal Convenience Non-Use		
Johnson-Rogers Cattle Company	Cattle	Mature	*172	07/07	09/30	192	07/07	09/15

*Scott Rogers wants to continue to incrementally increase livestock numbers while reducing season of use thus maintaining the same allotment AUM's in hopes to show that capacity on the allotment can be increased to carry around 200 head of cattle.

- Before Entering the Allotment

I suggest that you review your term grazing permit and the following Annual Operating Instructions, and ask questions if any portion is not clearly understood.

Year 2010 grazing fees are \$1.35 /head month, and must be paid before livestock can be turned onto the Forest. Let Scott or Silas know the date and number of livestock entering the National Forest and, upon request, provide for having stock counted.

The rotation for year 2010 is as follows

Pasture	2010	2006	2007	2008	2009
Upper Sourdough, West	2	+ 2	3	3 REST	3
Lower Sourdough, East	1	± 1	REST	4	2
Brush Creek & West-of-Camp	5 (Light)	3	4	2	1
Upper Grommund & Northeast	3	4	2	1	5
Lower Grommund & Southeast	4	5	1	5	4

- Entering the Allotment

The turn on date for Grommund and Sourdough Allotments is tentatively scheduled for July 7. Plan to turn livestock onto the allotment on or after this date unless you feel that forage is not ready to be grazed, or unless you have been notified that delays are necessary to allow for further plant development. The actual date livestock may be turned onto the allotment depends on range readiness. The value of animal months lost due to a delay for forage development may be credited against next year's fees, if requested by the end of the calendar year.

Indicators to determine range readiness are soil and vegetation conditions. Rangeland is generally ready for grazing when soil has become firm after winter and early spring precipitation, and when plants have reached a stage of growth at which grazing may begin under a specific management plan without long-lasting damage. This occurs when grasses are headed out, forbs are in full bloom, and shrubs are leaved out. Livestock should not be turned on until all portions of the first pasture of a rotation are determined to be "ready", and subsequent pastures in a rotation will be "range ready" when their scheduled grazing use is to occur.

- Resource Guidelines

Resource guidelines below are derived from the Grommund Sourdough C&H Allotment Management Plan, 12/28/1999*. The allowable use standards for utilization of the current year's growth by livestock and wildlife will be as follows:

Uplands	A maximum of 40% of current years growth in <u>first</u> used pasture; a maximum of 50% of current years growth in all other pastures.
Riparian**	A 5" stubble height of all riparian sedge species
Aspen	A 5" stubble height of all grass species within boundaries of aspen stands when livestock leave the pasture.
<p>* Subsequent to signing of the AMP, the condition of Sourdough C&H allotment was determined to be meeting or moving toward desired, and the riparian guideline reflects this change.</p> <p>** The "Bighorn National Forest Vegetation Grazing Guidelines, May, 2007" indicate that stubble height measurements are to record longest leaf measurements which results in a 5 inch standard, unless otherwise agreed upon.</p>	

Moves between pastures are dependent upon forage utilization levels and other resource objectives being met for a pasture. When it is determined that further use and impacts in a pasture will exceed allowable use levels, livestock are required to be moved to the next pasture in the scheduled rotation, or off National Forest if they are already in the last pasture.

It is your responsibility to see that livestock are managed to best utilize available forage while assuring guidelines are not exceeded. Since precipitation, forage production levels, and other factors change from year to year and livestock utilization patterns vary, this will require monitoring by you and/or your rider throughout the season.

Livestock use beyond allowable guidelines could result in administrative actions in subsequent years, such as an adjustment to the season of use or pasture rest, in order to allow plants a chance to recover and restore root reserves.

- Monitoring

The primary emphasis for monitoring should be placed on measuring stubble height in riparian areas, and estimating percent by weight of forage removed on upland sites, as described above. If issues are raised indicating the need to monitor aspen, stream banks, or willows, we prefer to work with you to determine appropriate protocols and locations. Permittees are no longer required to submit annual stubble height data; however, it is strongly recommended that you continue monitoring. Any data you collect and submit will be maintained in permanent files.

To facilitate monitoring actual use, and to avoid the need to measure utilization on all suitable range, monitoring will be done using a key area concept. "Key" areas are generally those areas of a pasture which livestock have the tendency to go to and graze first. If utilization in these "key areas" does not exceed allowable utilization standards, then use in the rest of the unit will most likely not exceed standards either. This is not to imply that standards need only be met in "key areas". Allowable use standards apply to all suitable range on the allotment. Key areas may be revised as needed.

I encourage you to contact Scott or Silas should you have any questions, want assistance with measurements, or need monitoring forms. In order to assure your results accurately reflect livestock use, all measurements should be completed within 7 days of the time livestock are removed from the pasture. Be sure to record the date measurements are taken, and the name of the data collector(s). Photos of the transect showing its general location and actual forage remaining will support your data. The Forest Service will conduct spot checks throughout the grazing season and I encourage your participation.

- Key Areas

Key areas serve as a monitoring and evaluation point for the degree of grazing use occurring in each pasture. Properly selected key areas give an indication of the overall acceptability of current grazing management to meet all resource objectives.

<i>Pasture</i>	<i>Location</i>
Upper Sourdough West	Riparian area at Hanson Sawmill, Lynx Park, and Caterpillar Park
Lower Sourdough East	Riparian area along US Highway 16 N of Sourdough Creek, in W-1/2 SE-1/4 34-50-84
West of Camp	SWSWNE 30-50-83; riparian area in upper portion of drainage leading to cow camp
Brush Creek	SE1/4 18-50-83; along Brush Creek
Upper Grommund	SW1/4 29-50-83; on Grommund Creek
Northeast	E1/2 21-50-83; above Aspen Basin Spring
Lower Grommund	SE1/4 21-50-83; riparian area along the stream
Southeast	NESE 28-50-83; riparian area along the stream

I encourage you to keep thorough notes while taking measurements and making observations during the grazing season. Should your data indicate changes might be needed in key area locations, contact Scott or Silas to discuss adjustments.

- Maintenance of Improvements

Term grazing permits state that permittees will maintain assigned range improvements to standards of repair, orderliness, and safety acceptable to the Forest Service. A complete list of the improvements and designated maintenance responsibility is included in Part 3 of your term grazing permit. Maintenance must be completed prior to the time livestock enter the pasture in which the improvement is located each year, or in the case of allotment boundary fences, prior to livestock entering the pasture on either side of the fence. Materials from abandoned range improvements or maintenance activities must be removed from the Forest. The minimum maintenance standard for improvements is as follows:

Wire Fences: Fences are to be in an upright, vertical position with all broken wires repaired, wires tight and properly spaced, and all corner posts, braces, line posts, steel posts, stays, loops, staples, etc. replaced as needed. Gates are to be tight enough to prevent sagging but must be able to be easily opened and closed by the general public. Any ‘let-down’ fences for which you are responsible should be let down after grazing use, for the winter.

Buck and Pole Fences, and Pole-top Fences: Fences must be in an upright, serviceable position. Bucks that are spreading and lowering the overall height of the fence must be stabilized with a bottom brace or replaced. All poles must be fastened to bucks or posts, and all broken or rotting poles and bucks are to be replaced.

Springs and Stock Tanks: Inlet and overflow pipes are to be free of crimps or breaks, completely buried or otherwise protected from livestock, and capable of delivering water to and away from spring boxes and tanks. Over-flow outlets on stock tanks shall prevent excessive water spill in the immediate vicinity (30 ft) of the tank. Tanks are to be level, completely surrounded by dry soil, gravel, or rock, and easily accessible by both cows and calves. Livestock barriers over tanks must be sturdy and poles and planks must be in good condition and fastened in place.

Reservoirs and Stock Ponds: Any fill material used to create a dam must maintain sufficient vegetative cover to prevent erosion. The emergency spillway, if present, must also maintain sufficient vegetative cover to prevent erosion. Livestock travel routes must be planned such that trailing does not generate additional erosion in and around the reservoir. Erosion damage that does occur will be repaired as soon as is practicable. If ponds are not sealing well, bentonite or other sealers should be used to reduce seepage. Deeper reservoirs reduce evaporation loss over shallow reservoirs; as reservoirs silt in, they should be cleaned.

Stock Pipelines: Maintain cover over buried pipelines, and maintain backfill around structures. Avoid travel over shallow buried pipelines. Repair any damage to above-ground and on-ground pipelines immediately. Remove all foreign debris that hinders system operation. Drain the system and components soon following periods of use. Maintain erosion protection at outlets. Protect the area adjacent to the trough with gravel or cover. Be sure that any outlet pipe is free and not causing erosion.

- Planned Range Improvement Projects

The following range improvement projects have been proposed for construction or reconstruction. Grazing permit modifications for cooperative range improvements (form FS-2200-113) must be completed prior to

expenditure of Forest Service funds for project work. These activities can be coordinated through Scott or Silas.

Improvement #	Improvement Name	Project Description
104-005	North Wy Land Co Drift Fence West	Install ATV cattleguard at lower end of fence near Tie Hack Reservoir. State trails will look at in 2010 and determine if they can install.
108-009	East Pasture/Tie Hack Reservoir Division Fence	Install ATV cattleguard at lower end of fence near Tie Hack Reservoir. State trails will look at in 2010 and determine if they can install.
108-004	Sourdough Horse Pasture Fence	Remove
105-050	Upper Elgin/Sourdough Boundary Fence East	Needs heavy maintenance or rebuild, currently Buck and Rail. Did not discuss with permittees in 2010

Salting Practices

The proper use of salt can be used as a management tool to help achieve proper utilization. The following guidelines must be followed when salting unless you have been given direction by a Forest Officer to do otherwise:

- a) Scatter salt in its proper location prior to livestock entering the pasture.
- b) Salt should be placed between water developments, and at least 1/4 mile from water if possible.
- c) Salt away from small parks, trails, roads, and areas of concentrated public use.
- d) Place salt in rock outcrops, mature timber stands (other than aspen), or dense sagebrush.
- e) Change salt locations at least every year and preferably every time salt is placed. Moving salt blocks at least 100 feet can prevent an area from becoming abused from repeated salting.
- f) Remove salt from an area when proper use is reached.

- Other

Permittees are authorized to maintain a camp trailer at cow camps for quarters if needed.

Any dead livestock shall be moved to a location greater than 200 feet from water and out of view from roads or trails.

Permittees are required to abide by all Forest road restrictions and closures, as are all users of the public lands. No exceptions will be made without prior written approval.

Documentation on the enclosed Annual Use Report is required, and will help us to plan livestock use in the future. Please make sure both on and off dates are recorded for each pasture as well as the number of cattle. Feel free to make any other pertinent management notes, as they will be helpful in determining future management decisions for the allotment. Return the Actual Use Report to the Powder River Ranger District Office by December 31, 2010.