

**Pine Creek/Sulphurbeds Allotment:
Grassy Creek Spring**
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Grassy Creek Spring lies midway up Grassy Creek at the southern end of Pine Creek/Sulphurbeds Allotment. An old spring development has broken down, and cattle are directly trampling the creek and spring area (Fig. 1) and the wetlands below the spring (Fig. 2). Capacity on the heavily-grazed adjacent uplands is questionable, given the cover of cattle-avoided lupine and cheatgrass (Fig. 3).

If this area were to be considered productive enough for cattle, a trough might be built near the older spring development, with an entrance from the road (Fig. 4). The cliff wall immediately behind would armor one side of the trough. Protection of the spring and its wetlands as well as the creek from trampling would remain a problem.

Major concerns:

- Violation of riparian utilization standards in creek and wetlands
- Elimination of spring and wetlands biota through trampling
- Increase in cheatgrass through continued use of the watering area



Fig. 1 Pine Creek/Sulphurbeds: Trampled creek banks and wetlands; spring development in disrepair.



Fig. 2. PineCrk/Sulphurbeds: Trampled spring area and wetlands.



Fig. 3. Pine Crk/Sulphurbeds: Slope adjacent to spring area. Lupine and cheatgrass are dominants.



Fig. 4. Pine Crk/Sulphurbeds: Potential water trough with entrance from road