

# Allotment Management Plan

## Squaw Peak

USDA Forest Service

Verde Ranger District, Prescott National Forest

Yavapai County, Arizona

### Introduction

The 12, 600 acre Squaw Peak Allotment is located approximately 5 miles south of Camp Verde and lies adjacent to the Copper Canyon Allotment. Elevations on the allotment range from 3200 ft. along the Verde River to 6525 ft atop Squaw Peak.

Pinyon/juniper communities dominate the upper elevations while Desert shrub communities are found in the lower elevations.

This Allotment Management Plan implements the decision (supported by the Verde Rim Livestock Grazing Project Environmental Assessment) made by the Verde District Ranger on May 2, 2006.

### Objectives

- Increase or maintain VGC and perennial grass composition and cover in pinyon/juniper woodlands, desert shrub/grassland, and chaparral communities to the extent attainable with the existing tree/shrub canopy.
- Improve soil function to enhance soil conditions.
- Allow riparian vegetation to reach or move towards potential.
- Allow channel profiles to return to appropriate dimensions for site morphology and channel functions.

### Grazing Management

#### A. Permitted Numbers, Season of Use, and Head Months

Permittee	Permit Type	# of Livestock	Season of Use	Head Months
Billy Port and Billie C. Parker	Term (10 years)	45 – 60 cattle (cow / calf )	Year-long (1/1 – 12/31)	540 - 720

The period of grazing and the stocking numbers on NFS lands will be determined by monitoring, designated in the Annual Operating Instructions and authorized in the Bill for Collection.

## **B. Grazing Management and Allowable Use**

### ***Grazing Management***

Manage the allotment as three grazing areas, one at higher elevations, and two at lower elevations, since topography does not allow for cross fencing. Deferment of grazing areas will be accomplished by control of water access and herding.

In the event livestock can not be held long enough in the higher elevation grazing area to achieve deferment in the lower grazing areas, thinning as much as 100 acres of juniper in the watershed immediately above Squaw Peak Tank will be conducted to reduce sediment flow into the tank and increase available water storage.

In the event livestock do not fully move from one pipeline serviced area to another in the lower grazing areas, herding and salting will be employed to keep them moving until they stay in the desired area

Annual Operating Instructions will be prepared each year in cooperation with the permittee to allow for consideration of current allotment conditions and management objectives. This AOI will detail the current season's grazing schedule, the stocking level, the improvement maintenance needs, needed improvements, and the allowable use levels on key forage and browse species.

Application of standard management practices such as salting, herding, and controlling access to water to achieve proper distribution or lessen the impact on areas which are sensitive or are natural concentration areas will be applied by the permittee.

Protein, salt, and other supplements will not be placed within ¼ mile of water or any identified sensitive plant population. New improvements (e.g. pipelines, troughs, tanks, or fences) will be designed to avoid adverse impacts to any such populations.

All new or reconstructed fencing will be built to accommodate wildlife passage using a 4-strand fence with a smooth bottom wire 18 inches off the ground and a total fence height of 42 inches or less.

All new or reconstructed water developments will include wildlife access and escape ramps.

Cooperation of the permittee will be sought to make stock water supplies available for wildlife needs during critical periods, if water is available at the sources (e.g. storage tank).

The permittee will ensure that structural range improvement maintenance is completed to standard; that livestock do not enter the allotment or a pasture prior to the approved entry date; that livestock are removed from pastures and the allotment as specified in the AOI; and that livestock do not enter or re-enter pastures that either have already been grazed, or that are planned for rest.

#### ***Allowable Use***

<b>Site</b>	<b>Use of Herbaceous Plants</b>	<b>Use of Shrubs</b>
All sites	25% on key forage grasses at the time livestock are moved from a grazing area and again at the end of the growing season for the allotment as a whole.	40% of current year's leaders

The herbaceous plant utilization levels above represent the percentage of last season's growth, if grazed during the dormant season, or the percentage of the current season's growth, to date, if grazed during a growing period (relative or seasonal utilization).

#### ***C. Rangeland Improvement Program***

Construct a waterlot and/or turn off water to these sources around the bottom trough and overflow to control livestock use. In turning off the water to these sources will meet the intent of building waterlots but at less of an impact due to the short-term construction effects.

#### ***D. Maintenance Responsibility***

Existing improvements are shown on the allotment map and range improvement inventory sheets of the permit.

All maintenance must be done annually whether the allotment is actually grazed or not.

Maintenance must occur throughout the season and cannot be a one time action.

Damage resulting from big game, wind, other acts of nature, or human caused actions, must be repaired in a timely manner so as to ensure the integrity of the structures.

All maintenance of exterior fences must be completed prior to turn on each year. *(It is the responsibility of the permittee to ensure that the necessary coordination occurs between adjacent allotments to ensure maintenance is completed in a timely manner).*

#### ***D. Drought Management***

Perennial grasses and major browse species need deferment/rest in order to provide time to recover from drought induced stress.

Move cattle when utilization in pastures is met. If removal of livestock is necessary, they may be authorized to return to the allotment once conditions improve; meaning sufficient recovery from the effects of drought stress has occurred and there has been enough herbaceous production to support livestock numbers. Potential return of livestock will be evaluated no earlier than the summer growing season.

## **Monitoring and Evaluation**

### **A. Implementation (Compliance) Monitoring**

--- Periodic field checks will be conducted by the Forest Officer and/or the grazing permittee to measure forage use to determine if allowable use levels are being reached and determine any needed pasture movements.

*(Monitoring of allowable use on key forage species in key areas is the joint responsibility of the Forest Service and the permittee. Although the Forest Service will make every effort to assist the permittee in ensuring compliance with standards, the permittee has the ultimate responsibility for ensuring that the allowable use standards are met).*

--- Periodic field checks will be conducted by the Forest Officer to assess vegetation health and trends as well as soil function to identify needed adjustments in season of use and/or livestock numbers.

Field Checks will include informal inspections, formal inspections, and permittee compliance monitoring.

#### ***Informal Inspections***

Informal inspections conducted by the Forest Officer will be made as the opportunity arises, such as when the Forest Officer is working in the area or is passing through the allotment.

The permittee will be notified by telephone of any significant observations needing immediate attention. Significant observations will be documented in writing by the Forest Officer and a copy of the inspection notes will be sent to the permittee in a timely manner.

#### ***Formal Inspections***

Formal inspections conducted by the Forest Officer will be made as time and competing duties allow with an attempt to inspect each of the pastures.

The permittee will be requested to accompany the Forest Officer during the inspections. Significant findings from these inspections will be documented in a letter or inspection report sent to the permittee in a timely manner.

### ***Permittee Compliance Monitoring***

The permittee will:

- Monitor the allotment continuously throughout the grazing season to determine current resource conditions and to ensure the terms of the permit are being met.
- Document all findings through notes, photographs, or other means decipherable by the Forest Officer
- Share monitoring information with the Forest Officer, and
- Coordinate with the Forest Officer to resolve any problems that arise.

### **B. Effectiveness Monitoring**

The permittee is encouraged to participate in any effectiveness (e.g. long term condition and trend) monitoring and evaluation conducted on the allotment.

### **Permittee Review / Agreement**

Billy Post Parker Date 7-24-09  
Permittee

### **Forest Officer Approval**

Approved By Dee Hines Date 7/24/09  
Dee Hines, Verde District Ranger

*Southern Pines*