ENTERPRISE ALLOTMENT MANAGEMENT PLAN

PINE VALLEY RANGER DISTRICT
DIXIE NATIONAL FOREST
WASHINGTON COUNTY, UTAH

PREPARED BY Randy Russell / Mark Hocken DATE 3/30/95
Range Conservationist

REVIEWED BY Randy [illegible] DATE 3/30/95
Permittee

APPROVED BY [illegible] DATE 3/30/95
District Ranger

This Allotment Management Plan is made part of your Term Grazing permit in accordance with Section (8a) of that permit, and implements the Decision Notice signed by Thomas A. Contreras, Pine Valley District Ranger on June , 1993.

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INTRODUCTION

The Federal Land Policy Management Act, as amended by the Public Rangelands Improvement Act allows for Allotment Management Plan (AMP's) to be included in grazing permits at the discretion of the Secretary of Agriculture. (43 U.S.C. (1752(d), as amended by 92 Stat. 1803 (1978)). The Secretary has elected to exercise this discretion, and has delegated his authority to issue regulations in this area to the Chief of the Forest Service. (36 CFR (222.1 et. seq).

An Allotment Management Plan is defined in FLPMA as a document prepared in consultation with lessees or permittees applying to livestock operation on the public lands prescribing (1) the manner in and extent to which livestock operation will be conducted in order to meet multiple use, sustained-yeild, economic and other needs and objectives, (2) describing range improvements to be installed and maintained, and (3) containing such other provisions relating to livestock grazing and other objectives found by the Secretary to be consistent with the provision of the FLPMA. (43 USC (1702(k), and 36 CFR (22.1 (b) (2)., and (FSM 1023).

The AMP integrates the actions needed to manage rangeland resources for livestock grazing. The AMP must integrate resource goals, objectives, standards, guidelines, and management requirements for the management of rangeland resources including soil, water, wildlife, fisheries, and vegetation for a wide array of resource uses with livestock grazing.

I. GOALS AND OBJECTIVE

A. GOALS.

This Allotment Management Plan will meet the goals, standards and guidelines contained in the Dixie National Forest Land and Resource Management Plan.

The goal for "Range" listed in the Forest Plan, is to improve management on all allotments (IV-6). The Standards and Guidelines pertaining to the Enterprise Cattle Allotment are found on the following pages in the Dixie National Forest Land and Resource Management Plan (IV-36 and 41).

The goals for the Enterprise AMP are the following:

1. Improve and maintain the riparian area around Cow Hollow Spring in a late seral Ecological Status.

2. The upland vegetation will be maintained at an early to mid seral ecological status in Management Areas 1 General Forest Direction and 6A Livestock Grazing.

3. Improve the ground cover around watering locations and riparian areas on the Allotment.

4. Improve the browse species on the allotment especially in Management Area 4C Wildlife (Bushy Range) Habitat.

5. Improve cattle distribution on the Allotment.

B. EXISTING CONDITION

In general many areas on the Allotment are in a upward trend. The existing conditions which do not meet the Standards and Guidelines described in the FLRMP are the following:

1. Cattle use in the riparian areas below Holt Pond, Calf Springs Creek and at Cow Hollow spring has exceeded 60 percent.

2. Woody species especially Juniper/Pinyon Pine trees have reestablished themselves in the old chainings.

3. The browse species, speifically bitterbrush, gambel oak, and serviceberry have received heavy use from livestock and wildlife.

C. OBJECTIVES

1. By 1996 show an improvement in the riparian area around Cow Hollow Spring.

2. By 1995 improve cattle distribution on the allotment, by installing new water locations on the allotments.

3. By 2000 improve mule deer habitat in Management Area 4C on Flat Top Mountain.

4. By 2000 improve the appearance of the browse species by improving cattle distribution on the allotment.

5. By 2000 improve the grass production in the "E" Hill pasture, by thinning out the pinyon/juniper trees with chainsaws.

II. ACTION ITEMS

A. Livestock kind, class, numbers permitted, season of use, and other.

Permitted Number	82 Cattle
Class of Livestock	Cow/Calf
Season of Use	5/8 through 9/20
Animals Unit Months	363 AUM's

Livestock numbers and season of use may be adjusted if proper use, as desribed in Part III of the Grazing Permit, is not achievable under the current system.

<u>Permittee</u>

Merrill &Randy Terry
"E" Hill Parthership

B. Grazing system

The grazing rotation for the Allotment is a three pasture deferred rotation grazing system. The grazing rotation will be repeated every three years.

Grazing Rotation

First Year

Pasture	Permitted Cattle	Season of Use
E-Hill	82	5/8 through 6/15
Black Canyon	82	6/16 through 7/31
Cow Hollow	82	8/1 through 9/20

Second Year

Pasture	Permitted Cattle	Season of Use
Cow Hollow	82	5/8 through 6/15
E-Hill	82	6/16 through 7/20
Black Canyon	82	7/21 through 9/20

Third Year

Pasture	Permitted Cattle	Season of Use
Black Canyon	82	5/8 through 6/30
Cow Hollow	82	7/1 through 8/15
E-Hill	82	8/16 through 9/20

The above dates are estimates. Actual entry and exit dates would be determined by the District Ranger in consultation with appropriate Range Staff. These dates would depend on factors such as forage development, soil condition and proper use determination. Permittees will be notified and cattle would be removed from the Allotment when the Forest Officer judges the allotment to be at proper use.

Salt locations will be at least 1/4 mile from water troughs, springs, and ponds.

As cattle enter an allotment pasture, they need to be evenly distributed throughout the pasture.

The Annual Operating Plan will be prepare on a yearly basics. The Distict Ranger or appropriate District Range Staff will meet with the permittees eash spring to discuss the coming grazing season.

C. Monitoring Criteria

Proper use would be 50 percent utilization of grasses determined by weight of annual forage production of perennial grass plants except crested wheatgrass where proper use would be 60 percent of current years growth (FLRMP IV-36). Proper use in riparian areas would be 50 percent on grass and grass-like species (FLRMP IV-41) or 3 to 6 inch stubble heights on riparian grass species by the end of the growing season. Proper use by cattle on bitterbrush, gambel oak and serviceberry in the area classified as Management Area 4C Wildlife (Bushy Range) Habitat would be 40 percent of current years growth. Percent utilization would be measured

by appropriate District Range Staff utilizing approved Forest Service Range Analysis techniques.

D. Management Requirements

1. Cattle would not be allowed to grazed within the fenced area around the Cow Hollow Spring. The portion of the riparian area not fenced allowable use would be 50 percent.

2. When livestock are moved to the next pasture, all livestock will be moved in a timely manner. Strays will not be allowed to stay in the previously grazed pastures.

3. Livestock numbers and season of use may be adjusted annually as determined by the District Ranger.

4. Once allowable use is reached in a particular pasture cattle will be move into the next pasture in the grazing rotation, or if cattle are in the last pasture in the rotation they will be moved off the National Forest.

III. RANGE IMPROVEMENTS

The existing range improvements which include fences and water developments are located in the grazing permittee Term Grazing Permit.

Proposed Range Improvements

Fences

1. Fence the head of Cow Hollow Spring. Estimated costs of material and labor would be approximately $2,000. This project is scheduled to be completed by 1996.

Water Development

1. Construct a new pipeline from the second trough on the Randall Well pipeline t a new trough located near the Corner pond. Estimated costs of labor and material would be approximately $2,500. This poject is scheduled to be completed by 1995.

Non-Structural Range Improvement

1. Burn approximately 250 acres of sage bush in the Black Canyon pasture. Estimated costs of materials and labor would be approximately $2,000. This project is scheduled to be completed by 1998.

2. Thin aproximately 100 acres annually of juniper trees on the allotment using chainsaws. Estimated costs of material and labor would be $500 annually.

All range improvements on the Enterprise Allotment are the responsibility of the current permittees on the Allotment. All new range improvements will be cost shared 50/50 with the Forest Service and grazing permittee.

IV. EVALUATION SECTION

A. Actual use by cattle in the Black Canyon, Cow Hollow, and "E" Hill pasture will be measured at least two weeks after cattle move from a particular pasture. The inspections conducted on the

allotment will be filed in 2210 Range Analysis folder an a copy of the inspection will be sent to to the grazing permittee.

B. Ecological Status of Rangeland

Utilization surveys will be scheduled in the future to determine the grazing capacity.