

TERM GRAZING PERMIT - PART 3

(Reference FSM 2230)

WEST FORK ALLOTMENT**Page 7 of 16**

Permittee Number

01-100

Permit Number

01051A**WEST FORK ALLOTMENT MANAGEMENT PLAN**Numbers, class of livestock, and season:

129 adult cattle (cow/calf pairs; numbers include associated bulls)

July 15 to October 31 (109 day grazing season)

Grazing System:

Four-pasture deferred rotation with one entry per pasture each grazing season.

One small, additional Holding pasture for swing or holding use.

4 main pastures (old names in parenthesis).

Based on current production sampling and a 3.5 month grazing season for 129 c/c, the days of capacity for each pasture, as adjusted, are as follows:

Kettle Holes (East)	28 days
Lookout (Middle East) *	50 days
West Fork (Northeast 1) *	15 days
Home (Northeast 2) *	16 days
Lookout Holding (Middle East Holding)	as needed

Allowable Use:

25% on key forage species in key livestock use locations (called critical areas), measured point-in-time, upon which pasture moves would be made.

Pre-livestock and mid-point grazing utilization surveys will be conducted within each pasture in critical areas. Although they can be, critical areas are typically not uplands, but meadows or wetter areas. Post-livestock surveys of utilization are discretionary.

Areas excluded from livestock grazing:

- All stream riparian areas-- West Fork Black River, and Home, Centerfire, Boggy and Wildcat Creeks.
- Areas not meeting Forest Plan standards for range condition-- Centerfire Pasture, West Pasture (includes an area on some maps called Center Pasture) and Southwest Pasture.

Burn Contingencies

This relates to the coincidence of wildfire, wildland fire use, or prescribe burning relative to livestock grazing. With prescribed burning which is planned and analyzed for environmental consequences, grazing and burning must be coordinated and generally both impacts to the herbaceous forage component will not be planned for the same year. With wildland fire use and sizeable wildfires, which are unplanned ignitions, an assessment of the ability of vegetation and soils to withstand impacts from both grazing and fire in the same year will be made.

TERM GRAZING PERMIT - PART 3 (Reference FSM 2230) WEST FORK ALLOTMENT	Page 8 of 16
	Permittee Number 01-100
	Permit Number 01051A

The west side of the allotment that is not grazed due to unsatisfactory vegetation conditions may be considered for occasional livestock grazing in the event of a wildland fire use, a sizeable wildfire, or prescribed fire that occurs on the grazed east side of the West Fork Allotment. However, this would require environmental analysis additional to the AMP environmental assessment and reinitiation of consultation as this would be outside of the action consulted on (USFWS 6/9/04 concurrence letter).

Additional management prescriptions:

Some additional considerations are noted in the following table.

Livestock Management	2005 AMP
Livestock trailing on and off	No livestock trailing; haul livestock only, unless otherwise authorized on a case-by-case basis
Livestock stream crossing	Stream crossing on existing roads only
In lieu horses (h)	One for one, i.e., 1 h for 1 c/c; maximum of 4 horses and these graze with cattle herd *
Bulls	One for one, i.e., 1 b for 1 c/c and bulls graze with cattle herd *
Best Management Practices (BMPs)	Yes (see below)
Noxious weed assessment and measures	Yes (see below)

*Neither capacity or adequate number of pastures for management of a separate horse, yearling or bull herd is available.

The objective of the grazing system and livestock management as described above is to prevent a decrease in vegetation and soil conditions by allowing for the plants' physiological recovery from grazing impacts *each* year, whereby, desired, satisfactory vegetation, range, soil and watershed conditions can be maintained.

Fencing requirements:

Fences must be built to exclude livestock from riparian areas (four segments). These consist of approximately 0.24 miles of new fence on the west side of Lookout Pasture (completed in 2006-2007), 1.25 miles of new fence on the east side of West Fork (Northeast 1) Pasture (completed in 2005-2006), 1.12 miles on the west side of Home (Northeast 2) Pasture (completed in 2005-2006) and approximately 0.5 mile on the northwest corner of West Fork (Northeast 1) pasture (completed in 2007-2008).

TERM GRAZING PERMIT - PART 3

(Reference FSM 2230)

WEST FORK ALLOTMENT**Page 9 of 16**

Permittee Number

01-100

Permit Number

01051AWater requirements in Northeast 2 Pasture:

One dirt tank will be constructed by the permittee in T5N, R28E, Section 33; the specific location to be approved by the Forest Hydrologist and District Fisheries Biologist consistent with the Biological Assessment and Evaluation (BAE) and US Fish and Wildlife Service Concurrence. Prior to tank construction, an archeological survey must be done in compliance with Section 106 of NHPA and a noxious weed project assessment and prevention measures developed.

In addition, the permittee may haul water from the West Fork Black River to portable troughs placed in forested, upland sites in Home (Northeast 2) Pasture.

Both the building of a tank and water hauling are *contingent upon availability and acquisition of water rights*, without which neither may proceed.

The following mitigations are required for the above water provisions in this pasture:

- The tank site will be located outside of complex aquatic habitat so that migration of obligate aquatic species (e.g., frogs) will not be impaired.
- Tank construction will not occur during spring runoff or summer rains, and will include best management practices for construction to retain exposed soil on site during construction, e.g., temporary straw bales, native seeding, etc.
- Water use for livestock will only occur between July 15 and October 31.
- Total water use by livestock for the dirt tank and waterhauling combined will not exceed 21,000 gallons/year (0.06 ac/ft/yr).
- Water withdrawal will only be done at the concrete crossing for Forest Road 68 on the West Fork Black River and the equipment/vehicle associated with withdrawal will remain in the road prism at the crossing.
- Water withdrawal at the crossing will meet requirements listed in the BAE relative to equipment type and location, hose and foot valve screen size, leakage prevention, etc.
- Records of water withdrawal from the West Fork Black River with required mitigations must be provided by the permittee yearly (documentation for fisheries and forest hydrologist files).

One or two trick tanks may be another option to provide water in Northeast2 Pasture. These would not require a water right.

TERM GRAZING PERMIT - PART 3 (Reference FSM 2230) WEST FORK ALLOTMENT	Page 10 of 16
	Permittee Number 01-100
	Permit Number 01051A

Initial 2005 AMP Implementation:

- As a minimum, the 0.24 mile of fence in Lookout Pasture designed to keep cattle from Centerfire Creek must be installed before livestock grazing can be initiated on the allotment; this will provide Kettle and Lookout Pastures along with Holding Pasture for livestock use (Completed in 2006-2007).
- During any grazing season, full livestock numbers may graze just those pastures that are fenced, *but* the time will be shortened to meet the grazing utilization standard (see estimated days of capacity for each pasture above).
- Subsequent range developments: An additional 1.25 miles of fence near the WF Black River (Completed in 2005-2006) and 0.5 mile of fence near Centerfire Creek to make the West Fork (Northeast 1) Pasture available for livestock use (Completed in 2007-2008); an additional 1.12 miles of fence and livestock water to make Home (Northeast 2) Pasture available for livestock use (Completed in 2005-2006); and removal of an old, riparian fence on WF Black River once fences for West Fork (Northeast 1) and Home (Northeast 2) Pastures are completed.
- All fencing and water development should be completed by about mid-way through the 10-year term permit. If not, modifications to livestock numbers or grazing season may be warranted.

Recommended Best Management Practices for livestock grazing are:

- Diligent herd riding to locate livestock to areas where actual use is less than the utilization standard.
- Salt blocks, mineral concentrates or other supplements will be strategically placed to help distribute livestock away from water sources, improvements, riparian areas, high use recreation sites and trails, and roads. Actual placement will be at least ¼ mile from riparian areas or live water, unless otherwise approved by the Forest Officer in charge. Supplements are a tool to enhance overall livestock distribution and utilization patterns.
- Frequent riding of fence-lines to ensure gates remain closed and fences remain serviceable.
- Permittees are encouraged to have off-Forest rangeland to use in the event drought and/or excess forage utilization necessitates early livestock removal. When these conditions occur, the District Ranger, with input from the permittee, will make the determination if livestock removal is required for resource protection. Supplemental feeding of livestock, other than salt or mineral block, is not permitted on National Forest system lands.
- The option to return to a pasture that has adequate plant re-growth will be considered if all resource objectives can be met.

TERM GRAZING PERMIT - PART 3 (Reference FSM 2230) WEST FORK ALLOTMENT	Page 11 of 16
	Permittee Number 01-100
	Permit Number 01051A

ADDITIONAL CONSERVATION PRACTICES

- *Protection of cultural resources.* Impacts to significant cultural resource sites are avoided – or – appropriate mitigations are made where impacts are unavoidable.
- *Best management practices for soils and watersheds.* Best Management Practices (BMP) will be implemented to meet soil and water quality issues. If an area with significant erosion is identified, grazing management may be adapted to enhance stabilization of the site. The permittee will insure that livestock do not congregate in riparian areas when soils are saturated.
- *Ground Disturbing Activity.* The Permittee will obtain written permission from the Forest Officer in charge of the allotment prior to implementing any ground disturbing activity.
- *Drought Guidelines.* Stocking during and after drought will be adjusted in compliance with FSH 2209.13, Chapter 10, 19.1.
- The permittee will take action to ensure proper livestock distribution occurs and that forage use levels are not exceeded. If forage use continues above the desired use level, adjustments in the AOI, or other management actions may be necessary.

Mitigation for Threatened, Endangered and Proposed Species, and Critical Habitat

Any mitigations, amount and extend of take, reasonable and prudent measures with associated terms and conditions applicable to the management of the West Fork allotment can be found in the most current Biological Assessments or Biological Opinions found in the 2210 and 2230 files.

Range Improvements

Range Improvement Maintenance Standards. All assigned range improvements will be maintained by the permittee. When the annual grazing application is approved, in whole or in part, livestock will not be placed on an allotment or move into pastures if permit requirements concerning range improvement maintenance are not met. Proper maintenance of the range improvements will ensure that the condition of improvements is adequate to hold livestock in a pasture and will extend the useful life of the improvements. Forest officers periodically will inspect assigned improvements for compliance with maintenance standards prior to livestock entry or movement dates.

A permit modification will be prepared for approved range improvement projects each year. Permittees will sign a permit modification form for the project and will sign for materials furnished by the Forest. Range improvements not specifically listed in the improvement program schedule and all ground disturbing activities will not be initiated by

TERM GRAZING PERMIT - PART 3 (Reference FSM 2230) WEST FORK ALLOTMENT	Page 12 of 16
	Permittee Number 01-100
	Permit Number 01051A

the permittee until proper clearances have been approved. Normal maintenance of improvements does not require approval.

- A. Fences: Many existing fences are very old and in need of major reconstruction. The permittee will identify these fences for the District Ranger. All fences in need of reconstruction will be inventoried and prioritized by the district for reconstruction. The following will be implemented to ensure fence maintenance objectives are met:
1. All allotment boundary fences are to be maintained to standard prior to livestock entering National Forest lands. Livestock will not be permitted to enter the Forest until fences have been properly maintained to ensure fences are adequate to hold the livestock.
 2. Each permittee is responsible for the maintenance of all or a portion of his allotment boundary fences.
 3. Pasture fences will be maintained before moving livestock to a new pasture.
 4. Old wire and steel fence posts will be removed from the Forest.
 5. Broken wire will be spliced with good quality double strand, 12 gauge barbed or smooth wire.
 6. Wire spacing. The top wire height will not exceed 42". The bottom wire will be smooth wire and will be at least 16" from the ground.
 7. Wire will not be over tightened and will be stretched to remove slack.
 8. Broken posts or rotten wood posts will be replaced with a steel post or a juniper or treated wood post greater than 5" diameter.
 9. Brace posts will be maintained in tight and serviceable condition.
 10. Steel posts which have settled may need to be jacked up and possibly moved. Leaning steel posts will be straightened.
 11. Gates will be maintained so they can be opened easily. Gate sticks will be 2-3" diameter. Use smooth wire for gate loops.
 12. At least 90% of fence stays will be sound. Replacement stays will be of good quality wood 1-1/2" by 3" diameter. The bottom of each stay will rest on the ground. Galvanized stay wire will be used for tying stays.
 13. Missing staples and fence clips will be replaced.
 14. All trees which have fallen across the fence line will be cut and removed from the fence right-of-way.
- B. Water: Stock water is important for proper livestock distribution. Water must be used to demonstrate beneficial use and is necessary in order to maintain water rights. If natural water is not available, the permittee will be asked to haul water to properly use forage on the allotment. The following will be done:
1. Springs:
 - a. Fences to protect springs will be maintained to standard.

TERM GRAZING PERMIT - PART 3

(Reference FSM 2230)

WEST FORK ALLOTMENT**Page 13 of 16**

Permittee Number

01-100

Permit Number

01051A

- b. Collection boxes and inlet pipes will be clean of sediment and debris.
- c. Unserviceable pipe will be repaired or replaced. Material not usable will be removed from the Forest.
- d. Troughs that leak will be repaired. Troughs should be level. Overflow pipes should be placed to avoid creating a boggy area at the trough.
- e. Float valves will be cleaned and set to prevent overflow.

2. Stock Tanks:

- a. Check stock tanks for seepage.
- b. Spillways will be flat and will have a minimum height of three feet and width of ten feet. They will be free of debris and obstructions. Eroded portions will be repaired.
- c. Tanks will be cleaned to their original capacity. Special care will be taken during cleaning to prevent future water loss. The work will be coordinated with the District Ranger.

West Fork Allotment Range Improvements

INFRA NUMBER NAME	RESPONSIBILITY
ALLOTMENT BOUNDARY FENCES	
1048 West Fork/Reservation Fence – 4.3	West Fork Permittee
1397 PS/West Fork Fence – 3.25	Grandfather Permittee
1417 West Fork/Black River Conservation Area – 6.75	West Fork Permittee
1421 West Fork/PS ABF – 1.75	PS Permittee
1422 PS/Private – 2.5	Arizona Game & Fish
1491 West Fork/Sprucedale – 4.5	West Fork Permittee
127008 Holding/Lookout – 1.5	West Fork Permittee
ALLOTMENT INTERIOR FENCES	
1023 South Pasture – 5.5	West Fork Permittee
1023A Kettle/Lookout – 1.5	West Fork Permittee

TERM GRAZING PERMIT - PART 3

(Reference FSM 2230)

WEST FORK ALLOTMENT**Page 14 of 16**

Permittee Number

01-100

Permit Number

01051A

1062A Berkey Trap - .25	West Fork Permittee
1134 NW/Middle – 3.5	West Fork Permittee
1422A NE2/Holding - .25	West Fork Permittee
127001 Elk Study Plot - .25	USDA FS Alpine RD
127002 Wildcat Riparian Enclosure - 1	USDA FS Alpine RD
127003-001 Centerfire Creek – 3.5	West Fork Permittee
127003-002 Centerfire Creek - 7	USDA FS Alpine RD
127004 Northeast1/Lookout – 1.5	West Fork Permittee
127005 Boggy Creek Livestock Enclosure - 1	USDA Forest Service
127006 Boggy Creek Elk Enclosure - 1	USDA Forest Service
127007 NE1/NE2 – 2.75	West Fork Permittee
LIVESTOCK HANDLING FACILITIES	
1060 Spring Prairie Corral	West Fork Permittee
1062 Antelope Prairie Corral	West Fork Permittee
1079 Lost Spring Corral	West Fork Permittee
WATER DEVELOPMENTS	
1027 Middle Tank	West Fork Permittee
1052 Lost Spring – Water System	West Fork Permittee
1054 Pond Tank	West Fork Permittee
1075 Maverick Tank	West Fork Permittee
1213 Burn Tank	West Fork Permittee
1336 Borrow Pit Tank	West Fork Permittee
1393	West Fork Permittee

TERM GRAZING PERMIT - PART 3 (Reference FSM 2230) WEST FORK ALLOTMENT	Page 15 of 16
	Permittee Number 01-100
	Permit Number 01051A

Pulp Tank	
1395 Reservation Tank	West Fork Permittee
1398 Wildcat Tank	West Fork Permittee
1399 West Fork Tank	West Fork Permittee
1447 Trespass Tank	West Fork Permittee
1467 Meadow Tank	West Fork Permittee
1488 Carlock Tank	West Fork Permittee
15708 Kettle Hole Sink Tank	West Fork Permittee
1723 Mud Tank	West Fork Permittee
1725 Prescribed Sink Tank	West Fork Permittee
1726 Borrow Tank	West Fork Permittee
127101 Section 10 Gravel Pit Tank	West Fork Permittee
127102 Lookout Pasture Tank	West Fork Permittee
127103 North East 2 Tank	West Fork Permittee

Permittee Review

"I have reviewed the provisions of the term grazing permit, the standards and guidelines, and management required by the Forest Management Plan applicable to the West Fork and Nutrioso Summer Allotments and the Allotment Management Plan with the grazing Permittee."


Rangeland Management Specialist


Date

TERM GRAZING PERMIT - PART 3 (Reference FSM 2230) WEST FORK ALLOTMENT	Page 16 of 16
	Permittee Number 01-100
	Permit Number 01051A

WEST FORK ALLOTMENT MAP

GOES HERE

