

United States
Department of
Agriculture

Forest
Service

Manti-LaSal N.F.

Reply to: 1920

Date: June 23, 1988

Subject: Forest Plan Amendments

To: Regional Forester

Enclosed is Amendment No. 1 to the Manti-LaSal National Forest Land and Resource Management Plan. The changes in the Plan are based on my decision letter dated April 28, 1988, which was mailed to you.

The April 28 , 1988, letter included several other map corrections. Rather than clutter the current map with these changes, I have decided to wait until the Plan Map can be reproduced on the new Forest base map, currently being prepared.

/s/ Lee Foster

for
GEORGE A. MORRIS
Forest Supervisor

Enclosure

cc:
District Rangers and staff

MANTI-LASAL NATIONAL FOREST
LAND AND RESOURCE MANAGEMENT PLAN

Amendment No. 1

June 1, 1988

Price, Utah

POSTING NOTICE: Amendments to the Forest Plan are numbered consecutively. Check the last transmittal received for the plan to see that the above amendment number is in sequence. Retain this transmittal until the next amendment is received.

Pages Replaced:	III-35	B-2
	III-50	B-4
	III-55	B-9
	III-56	B-10
	III-57	
	III-72	
	III-94	

Appendix F, Forest Plan Map Corrections:

Arch Canyon SPR Unit Boundary, Monticello Ranger District
Bear Canyon SPR Unit Boundary, Ferron Ranger District
Mount Peal RPI Unit Boundary, Moab Ranger District

GEORGE A. MORRIS
Forest Supervisor

MANAGEMENT
ACTIVITIES

GENERAL
DIRECTION

STANDARDS &
GUIDELINES

CONTINUATION OF:
MINERALS
MANAGEMENT
GENERAL
(G00)

03 On classified lands not withdrawn from operations under the general mining laws provide for reasonable protection of the purposes for which the lands were classified and for reclamation of disturbed lands to a condition suitable for the purposes for which the lands were classified. Such lands may include Research Natural Areas, national recreation trails, special interest areas; such as scenic, geologic, or national historic sites, or some other type of specific classification. The status of classified lands with respect to withdrawal must be checked before an operating plan can be approved.

a. 36 CFR 228.

04 On unclassified (remaining) lands, provide for reclamation of disturbed lands to achieve the planned uses specified in the Forest Plan, when those lands are no longer needed for mineral operations.

MINING LAW
COMPLIANCE AND
ADMINISTRATION
(LOCATABLES)
(G01)

01 Minimize or as appropriate prevent adverse impacts on surface resources.

a. 36 CFR 228.

02 Review cases of suspected abuse of the mining laws such as occupancy of the land for purposes other than prospecting, mining, and related activities. Initiate appropriate action to resolve abuses.

a. The first action should be administrative. Failure of such action requires examination of claims for validity, followed by appropriate contest proceedings or legal action.

MINERALS
MANAGEMENT
LEASABLES
(G02 TO 07)

01 *-Consent/nonconsent to coal leasing, permits, or licensing or objection/nonobjection to oil and gas leasing and permits are based on management requirements of individual management units.* Stipulations for these actions should minimize and/or mitigate effects or conflicts with other resource uses and should return disturbed lands to conditions compatible with the emphasis of the management unit or adjacent management unit.

a. Any lease, license or permit may be denied or limited by standard or additional stipulations where proposed activities could result in irreparable damage, may preclude existing uses or be contrary to management direction.

b. Stipulations (Appendix B) will be used as appropriate in leases, licenses, or permits.

c. Oil and gas, geothermal, and CO2 lease occupancy may be denied or limited by special stipulation where:

- (1) Slopes are steeper than 35 percent;
- (2) Erosion hazard rating is high and mitigation measures could be ineffective.
- (3) Geologic hazard rating is high.
- (4) Key wildlife uses may be impaired.

-(5) Within 200 feet of arterial or major collector roads and highways.

III-35

CONTINUATION OF:
MINERALS
MANAGEMENT
LEASABLES
(G02 TO G07)

d. Coal lands will be determined to be suitable for coal leasing through the application of unsuitability and multiple-use criteria (43 CFR 3461 and 43 CFR 3420). Coal leases may be denied or limited by special stipulation where:

- (1) They are not in compliance with the unsuitability criteria or multiple land use decisions established for the unit (Appendix C).
- (2) Surface or transportation facilities needed for operations degrade water quantity or quality.
- (3) Operations would impair the current quality of recreation.
- (4) National Recreation Trails occur.
- (5) Operations would result in unacceptable or unmitigatable impact on wildlife or fisheries.
- (6) Operations could result in aggravating land instability.
- (7) An established need for additional coal cannot be demonstrated.
- (8) Operations and/or production would result in unacceptable and unmitigatable impacts to Human Resource Units. (communities)
- (9) Operations would result in unacceptable or unstable traffic flows.

e. Extraction of coal shall be arranged by underground mining methods.

a. Any lease, license or permit may be denied or limited by special stipulations where proposed activities; could result in irreparable damage, may result in precluding existing uses; or be contrary to established management direction.

02 Restrict geophysical activity during periods of heavy recreation use and associated hunting seasons, during key big game use periods, or when unacceptable impacts on other resource uses may be caused.

01 Authorize common variety exploration and disposals under terms and conditions to prevent or control averse impacts on surface resources and uses and properly reclaim the site.

MINERALS
MANAGEMENT
SALEABLES
(G02 TO G07)

MANAGEMENT PRESCRIPTION SPR
(EMPHASIS IS ON SEMIPRIMITIVE RECREATION USE)

Management emphasis is for providing semiprimitive motorized and nonmotorized recreation opportunities. Recreation opportunities such as hiking, horseback riding, hunting, cross-country skiing, vehicular travel, etc., are available. Some units, or areas within units may be closed seasonally or permanently to motorized use. Seasonal or permanent restrictions on human use may be applied to provide for the protection of the physical, biological, and social resources.

Investments in compatible resource uses such as timber harvest, livestock grazing, wildlife habitat, mineral exploration and development, special uses, etc., may occur as long as they meet the planned VQO and maintain a high quality semiprimitive recreation opportunity. When the approved activity ceases, roads, structures, and appurtenances will be rehabilitated as closely as possible to reflect previous, undisturbed condition.

*-SPR** Management Requirements will apply to; Arch Canyon, Beer Creek, Black Canyon, Candland Mountain, Fish Creek, Hammond Canyon, and the three LaSal Peaks SPR Units.-*

(EMPHASIS IS ON SEMIPRIMITIVE RECREATION USE)

MANAGEMENT UNIT DIRECTION SPR
Amended 6/1/88

(EMPHASIS IS ON SEMIPRIMITIVE RECREATION USE)

MANAGEMENT UNIT DIRECTION SPR
Amended 6/1/88

MANAGEMENT
ACTIVITIES

GENERAL
DIRECTION

STANDARDS &
GUIDELINES

CONTINUATION OF:
MANAGEMENT OF
DEVELOPED
RECREATION SITES
(A08, 09, 11
AND 13)

02 Strive to manage development scale 3 and 4 sites for full service when at least one of the following are met:
A. A campground is designated as a fee site;
B. More than 20 percent of theoretical capacity is being utilized;
C. A group campground or picnic ground has a reservation system and/or user fee; or
D. The unit is a swimming site, a boating site with a constructed ramp, or a staffed visitor information center.

a. FSM 2332.

03 Maintain facilities in safe condition. Replace facilities when rehabilitation costs are 50 percent or more of replacement costs or existing facilities cease to be compatible with site design or ROS classification.

a. FSH 2309.11, Sec. 122.

04 Post the past and probable flood heights in inventoried 100-year floodplains to provide the public visible warnings about possible periodic flooding.

a. FSM 2520.

05 Maintain developed sites in accordance with regionally acceptable work standards.

a. FSM 2330.

RECREATION
MANAGEMENT
(PRIVATE AND
OTHER PUBLIC
SECTOR)
(A16)

01 Allow the private sector to provide recreation oriented support services where it is appropriate.

RANGE RESOURCE
MANAGEMENT
(D02)

01 Manage livestock grazing to reduce conflicts in existing and proposed recreation sites.

a. Construct, as needed, fences of appropriate materials around developed sites.

b. Exclude livestock from areas that cannot be maintained in Code-A-Site category light, as a result of livestock grazing.

MANAGEMENT ACTIVITIES	GENERAL DIRECTION	STANDARDS & GUIDELINES
SILVICULTURAL EXAMINATION AND PRESCRIPTION (E03, 06, AND 07)	01 Manage trees and shrubs to enhance visual quality and recreation opportunities on existing and proposed recreation sites. 02 Remove unsafe and/or dead trees in developed sites. Plant new trees to provide desired tree cover when natural regeneration is insufficient.	a. See Technical Report R-2-1 919810 Tree Hazards: Recognition and Reduction in Recreation Sites.
MINERALS MANAGEMENT GENERAL (G00)	01 Manage mineral activities to be compatible with recreation uses and visual quality objectives.	
MINERALS MANAGEMENT LEASABLES (G02 TO G07)	01 Allow mineral leasing where it is determined that stipulated methods of development and extraction will not adversely affect recreation values to any significant degree.*-	a. The "No Surface Occupancy" stipulation will be used for oil and gas leases, with the understanding that the stipulation may be waived, accepted, or modified on a site specific basis.*
MINERALS MANAGEMENT SALEABLES (G02 TO G07)	01 Authorize common variety exploration and disposals under terms and conditions that prevent or control adverse impacts on surface resources and uses and properly reclaim the renewable resources.	a. Any lease, license or permit may be denied or limited by special stipulations where proposed activities; could result in irreparable damage, may result in precluding existing uses; or be contrary to established management direction.
WITHDRAWALS, MODIFICATIONS AND REVOCATIONS (J04)	01 Withdraw as appropriate from mineral entry.	
TRANSPORTATION SYSTEM MANAGEMENT (L01 TO 20)	01 Design, construct, and maintain roads to assure they are compatible insofar as possible with developed recreation sites use unit objectives.	a. FSM 2300.
INITIAL ATTACK AND FIRE SUPPRESSION (P08)	01 Control wildfires at all intensity levels.	

MANAGEMENT REQUIREMENTS

MANAGEMENT
ACTIVITIES

GENERAL
DIRECTION

STANDARDS &
GUIDELINES

DISPERSED
RECREATION
MANAGEMENT
(A14 AND 15)

- 01 Manage for semiprimitive recreation opportunities.
- A. Close all or part of the unit to motorized use when such use is incompatible with the recreation resource activities and/or uses of the unit.
 - B. Open specific closed areas or travel routes seasonally as appropriate with specific authorization to accomplish resource management activities and/or uses.
 - C. Open the unit or selected roads and/or trails for motorized recreation when such use is compatible with the planned ROS Class of the unit.

- a. FSM 2350.
- *- b. Close or restrict motorized travel to specific roads and/or trails in SPR** units.
- c. Closure or restriction to motorized use does not apply; [a] When authorized by permit or contract, or [b] to any Federal, State or local officer, or member of an organized rescue or fire fighting force in the performance of an official duty.-*

02 Provide facilities such as foot and horse trails, Level 1 campgrounds, and necessary signing as appropriate for the protection of resources.

- a. FSM 2330, FSM 7730, FSH 2309.18 (Trails Handbook), FSH 7109.11A and 11B (Sign Handbook).

03 Manage site use and occupancy to maintain sites so as not to exceed Code-A-Site category "Heavy Impact".

- a. See Code-A-Site research paper, PNW-209 dated 1976.

RECREATION
MANAGEMENT
(PRIVATE AND
OTHER PUBLIC
SECTOR)
(A16)

01 Consider allowing private sector to provide recreation oriented support services.

WILDLIFE
HABITAT
IMPROVEMENT AND
MAINTENANCE
(C02, 04, 05
AND 06)

01 Manage wildlife and fish habitat to be compatible with the recreation use. Locate structural and design non-structural improvements to meet visual quality objectives.

RANGE RESOURCE
MANAGEMENT
(D02)

01 Manage livestock use to be compatible with recreation use. Locate structural and design non-structural improvements to meet visual quality objectives.

MANAGEMENT
ACTIVITIES

GENERAL
DIRECTION

STANDARDS &
GUIDELINES

SILVICULTURAL
EXAMINATION
AND
PRESCRIPTION
(E03, 06,
AND 07)

using commercial or noncommercial methods to maintain or enhance recreation opportunities, visual quality, visitor safety or control insects and disease.

*- SPR** Units during the period 1986 through 1995-*

02 Use mechanical, chemical, or burning treatments to alter or perpetuate timber stands and increase herbaceous yield or cover as appropriate in areas where harvest methods are impractical or demand does not exist.

MINERALS
MANAGEMENT
GENERAL
(G00)

01 Allow mineral activities that are designed to cause the least impact and facilitate final reclamation.

*- 02 Reclaim sites where mineral activities occur with 12 months after cessation of mineral activity in SPR** Units.-*

*- MINERALS
MANAGEMENT
LEASABLES
(G02 TO G07)

01 The "Controlled or Limited Use" stipulation will be included in recommendations for oil and gas consent to lease in SPR** Units.-*

SPECIAL USE
MANAGEMENT (NON-
RECREATION)
(J01)

01 Permit special uses which are complementary and compatible with the objectives of the management unit and which do not change the ROS classification.

LOCAL ROAD
CONSTRUCTION AND
RECONSTRUCTION
(L11, 12,
AND 13)

01 Design and locate local roads and/or trails to minimum standards and to complement other resources and to facilitate final reclamation.

*- 02 Close and obliterate newly constructed or reconstructed short term roads after initial intended use is complete in SPR** Units.-*

TRAIL
SYSTEM
MANAGEMENT
(L22 AND 23)

01 Trail design, construction, and maintenance will be compatible with semiprimitive recreation opportunities.

02 Manage National Recreation Trails to emphasize foot and horseback travel. Do not allow mechanized vehicle use.

a. The VQO for National Recreation Trails should be based on maintaining a recreation visitor sensitivity level one classification

b. FSM 2350, FSM 7703.

01 Manage tree stands a. Commercial timber sales will not be scheduled within
MANAGEMENT UNIT DIRECTION SPR
Amended 6/1/88

MANAGEMENT
ACTIVITIES

GENERAL
DIRECTION

STANDARDS &
GUIDELINES

WATER QUALITY
MANAGEMENT
(F00)

01 Vegetate disturbed soils in sites where adverse impacts would occur according to the following priorities:
-Aquatic ecosystems;
-Riparian ecosystems; and
-Riparian areas outside of aquatic and riparian ecosystem.

02 Minimize surface disturbing activities that alter vegetative cover, result in stream channel instability or loss of channel cross-section areas, or reduce water quality.

RIPARIAN
FLOOD PLAIN
& WETLANDS
MANAGEMENT
(F00)

01 Prior to implementation of project activities, delineate and evaluate riparian areas and or wetlands that may be impacted.

a. FSM 2526.

b. Where site-specific development adversely affects long-term productivity or management, those authorized to conduct development will be required to replace loss through appropriate mitigations.

02 Obtain 404 permits when needed for proposed activities causing disturbance to flood plains and wetlands.

SOIL & WATER
RESOURCE
IMPROVEMENTS
(F03)

01 Prevent or remove unacceptable debris accumulations that reduce stream channel stability and capacity.

02 Avoid channelization of natural streams. Where channelization is necessary for flood control or other purposes use stream geometry relationships to reestablish meanders, width/depth ratios, etc., consistent with each major stream type.

03 Treat disturbed sites resulting from resource development or use activities, to reduce sediment yields to the natural erosion rates in the shortest possible time.

MANAGEMENT
ACTIVITIES

GENERAL
DIRECTION

DIRECTION
GUIDELINES

CONTINUATION OF:
SOIL & WATER
RESOURCE
IMPROVEMENTS
(F03)

04 Stabilize streambanks which are damaged beyond natural recovery in a reasonable period with appropriate methods or procedures.

05 Minimize significant soil compaction and disturbance in riparian ecosystems. Allow use of heavy construction equipment during periods when soil is less susceptible to compaction or rutting.

06 Maintain or enhance the long-term productivity of soils within the riparian ecosystem.

MINERALS
MANAGEMENT
GENERAL
(G00)

01 Avoid and mitigate detrimental disturbance to the riparian area by mineral activities. Initiate timely and effective rehabilitation of disturbed sites.

02 *-No surface occupancy or use is allowed in riparian units, or within 200 feet of riparian units, unless it can be demonstrated that operation can be conducted without causing unacceptable impacts, in which case, the restriction can be waived, accepted, or modified on a site specific basis.-*

03 Design and locate settling ponds to prevent washout during high water. Locate settling ponds outside of the active channel. Restore channel changes to hydraulic geometry standards for each stream type.

a. Locate drill sites and mud pits outside the riparian area unless alternate locations have been reviewed and rejected. If location is unavoidable, seal and dike all pits to prevent leakage.

b. Reclaim disturbed sites as soon as possible after use is discontinued.

c. Revegetate or establish vegetative cover to levels that will provide soil surface protection and prevent erosion.

d. Provide surface protection from storm-flow and snowmelt runoff events.

a. Permit diversion activities within the riparian unit where technology is available to maintain water quality standards, sediment threshold limits, instream flow standards, vegetation, and fish and wildlife cover.

MANAGEMENT REQUIREMENTS

MANAGEMENT ACTIVITIES	GENERAL DIRECTION	STANDARDS & GUIDELINES
VISUAL RESOURCE MANAGEMENT (A04)	01 Manage generally for a partial retention VQO.	
DISPERSED RECREATION MANAGEMENT (A14 AND 15)	01 Manage dispersed recreation opportunities: A. On inventoried units, consistent or compatible with prescriptions from adjacent management units; B. On existing units, to avoid conflicts with the authorized special use activities.	
WILDLIFE HABITAT IMPROVEMENT AND MAINTENANCE (C02, 04, 05 AND 06)	01 Manage, to the extent possible, potential or existing long-term impacts on potential or existing units consistent or compatible with wildlife and fish habitat prescriptions from adjacent management units.	
RANGE RESOURCE MANAGEMENT (D02)	01 Manage the forage resource on potential units and existing units consistent or compatible with range prescriptions from adjacent management units. On existing units manage forage with emphasis on establishment of vegetative cover and long range rehabilitation to support appropriate range prescriptions.	
SILVICULTURAL PRESCRIPTIONS (E03, 06, AND 07)	01 On potential units manage forest cover types consistent or compatible with prescription from adjacent management units unless a specific use requires special forest cover management.	
MINING LAW COMPLIANCE AND ADMINISTRATION (LOCATABLES) (G01)	01 Manage mineral activities to be compatible with the authorized use.	

III-93

MANAGEMENT
STANDARDS &
ACTIVITIES
GUIDELINES

GENERAL
DIRECTION

MINERALS
MANAGEMENT
LEASABLES
(G02 TO 07)

uses within specific areas of the lease to*
be strictly controlled or surface use
entirely excluded as necessary.

01 Close the unit to sale or other use of saleable minerals.

MINERALS
MANAGEMENT
SALEABLES
(G02 TO 07)

01 Approve special-use applications for areas adjacent to
existing SLD units only when the proposed use is compatible
with the purpose and use of the existing unit.

SPECIAL-USE
MANAGEMENT
NONRECREATION
(J01)

02 Withdraw the unit from mineral entry as needed to assure
the authorized use can be continued.

WITHDRAWALS,
MODIFICATIONS
AND REVOCATIONS
(J04)

a. The "No Surface Occupancy" stipulation will be used for
oil and gas leasing, with the understanding that the stipulation
may be waived, accepted or modified on a site specific basis.*

01 Allow mineral
leasing where it has been
determined that stipulated
methods of mining will not
affect the authorized use to
any significant degree.

02 Allow oil and gas
leasing where appropriate
using the "Controlled or
Limited Surface Use"
stipulation which allows

United States
Department of
Agriculture

Forest
Service

Manti-LaSal N.F.

Reply to: 1920

Date: January 9, 1992

Subject: Forest Plan Amendments

To: Regional Forester

Enclosed is Amendment No. 2 to the Manti-LaSal National Forest Land and Resource Management Plan. The charges in the Plan are based on my decision memo dated September 26, 1990, which was mailed to you. This is amended to page 3-24 D0203 as item (c).

/s/Sharon Metzler

for
GEORGE A. MORRIS
Forest Supervisor

Enclosure

cc:
District Rangers and Staff

DECISION NOTICE
AND
FINDING OF NO SIGNIFICANT IMPACT

FOREST PLAN AMENDMENT

STANDARD AND GUIDELINE

for

FOREST WIDE RANGE PROPER USE CRITERIA

MANTI-LASAL NATIONAL FOREST
PRICE, UTAH

An Environmental Assessment (EA) that evaluates the proposal to amend the Forest Plan to include a standard and guideline for proper use criteria for managing the range resource is available for public review at the Supervisor's office of the Manti-LaSal National Forest, Price, Utah and all Manti-LaSal Ranger District Offices.

The Chief of the Forest Service has instructed us to bring all of our grazing allotments and grazing permits into compliance with the Forest Land and Resource Management Plan (Forest Plan), December 1986, as soon as practical. To accomplish this the Chief has suggested; we modify Allotment Management Plans which are part of the grazing permit to include the Forest Plan Standards and Guidelines, and/or modify Part 3 of the grazing permit to include the Standards and Guidelines if no Allotment Management Plan exists.

"Proper Use Criteria" is defined in the Forest Service Handbook as the limiting factor or factors which will be measured on a particular site. It could be a percent of utilization of the forage, percent ground cover, percent soil disturbance or some other allowable measure which will record specific site conditions. In the Manti-LaSal National Forest Land and Resource Plan, the direction as shown in Chapter 3, page 24, under Range Resource Management (D02) Item 03, is "To manage livestock and wild herbivore forage by implementing proper use criteria as established in the Allotment Management Plan." The Forest Service Manual and other direction (Forest Plan) directs that this proper use criteria be determined by an Interdisciplinary Team. In the development of the Forest Plan, it was elected to let the Interdisciplinary Team establish the specific criteria on an allotment by allotment basis. This has worked well and is still a very valid approach as we can evaluate each allotment and adapt a criteria to best meet the future directions of the Forest Plan. This, however, does not provide any specific guidance for inclusion or adoption in Part 3 of the grazing permit as per the new direction from the Chief.

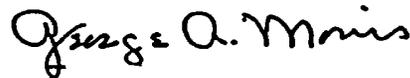
Therefore, it is my decision to amend the Forest Plan by selecting the Action Alternative and adopt the standard and guideline in the attached Proper Use Criteria. This is amended to page 3-24 D0203 as item (c). These Standards and Guidelines would allow us to keep the existing provision of establishing Proper Use Criteria on sites specific allotments, but would also provide for clarity and a uniform guideline for inclusions when applicable to Part 3 of the Grazing Permits. This conforms to the Chief's direction.

As this is a clarification and/or refinement of Forest Plan Standards and Guidelines, I do not feel it is a significant amendment. I have determined through the environmental analysis that this is not a major Federal action that would significantly affect the quality of the human environment; therefore, an environmental impact statement is not needed.

In reaching this decision, the following groups and/or agency's were contacted: Utah Wool Growers, Utah Cattlemen's Association, Utah Wilderness Association, The Division of Wildlife Resource (both Springville and Price Regional Offices), Manti Wool Growers, The Utah Farm Bureau Federation (Regional Office) and individuals of various livestock associations.

These standards and guidelines, as applicable, may be implemented within 7 calendar days after this notice is published in the Sun Advocate, Price, Utah.

This decision is subject to administrative review pursuant to 36CFR 217. Any appeal of this decision must be fully consistent with 36CFR 217.9. The content of notice of appeal, including the reason for the appeal, must be filed with the Regional Forester, 324 25th Street, Ogden, Utah 84401, within forty five days of the date of publication in the Sun Advocate, Price, Utah 84501. A copy of this notice of appeal must be filed simultaneously with the Manti-LaSal National Forest, 599 West Price River Drive, Price, Utah 84501.



9-26-90

George A. Morris
Forest Supervisor

Date

MANAGEMENT
STANDARDS &
ACTIVITIES
GUIDELINES

GENERAL
DIRECTION

<p>CONTINUATION OF: WILDLIFE AND FISH COOPERATION WITH OTHER AGENCIES (C12)</p> <p>RANGE RESOURCE MANAGEMENT (D02)</p>	<p>for the unit(s) concerned.</p> <p>03 Obtain a Memorandum of Understanding with the State(s) involved prior to allowing wildlife transplants.</p> <p>01 Within the rangeland capability, provide forage to sustain the dependent livestock industry.</p> <p>02 Manage the range resource within its productive capabilities for grazing and browsing animals in harmony with other resources and activities to provide sustained yield and improvement of the forage resource. Encourage and coordinate other resource activities so as to maintain or enhance forage production.</p> <p>03 Manage livestock and wild herbivores forage use by implementing proper use criteria as established in the Allotment Management Plan.</p>	<p>a. FSM 2203.1 Item 1.</p> <p>a. Place allotments under an approved management plan.</p> <p>Use Interdisciplinary terms to establish proper use criteria (R-4 Supplement No. 59 to FSM 2214.11).</p> <p>Unless specified elsewhere in the Forest Plan or Allotment management plan, the following Proper Use criteria are applicable:</p> <p>1) <u>Cattle Allotments</u></p> <p>1. <u>Uplands</u></p> <table border="0"> <thead> <tr> <th><u>Mgt System</u></th> <th><u>Veg. Type</u></th> <th><u>% Use</u></th> </tr> </thead> <tbody> <tr> <td>Season Long Use</td> <td>ALL</td> <td>40 - 50</td> </tr> <tr> <td>Deferred Rotation</td> <td>ALL</td> <td>45 - 60</td> </tr> <tr> <td>Rest Rotation</td> <td>ALL</td> <td>55 - 65</td> </tr> </tbody> </table> <p>2. <u>Riparian Areas</u></p> <table border="0"> <tbody> <tr> <td>Spring</td> <td></td> <td>50 - 60</td> </tr> <tr> <td>Summer</td> <td></td> <td>45 - 50</td> </tr> <tr> <td>Fall</td> <td>30 - 40% or 4" - 6" stubble</td> <td>or regrowth</td> </tr> </tbody> </table> <p>3. <u>Soils</u></p> <table border="0"> <thead> <tr> <th><u>% slope</u></th> <th><u>% allowable soil disturbance</u></th> </tr> </thead> <tbody> <tr> <td>0 - 25%</td> <td>30%</td> </tr> <tr> <td>25 - 40%</td> <td>20%</td> </tr> <tr> <td>*41 - or greater</td> <td>10%</td> </tr> </tbody> </table> <p>* Slopes over 40% are not suitable for grazing use.</p>	<u>Mgt System</u>	<u>Veg. Type</u>	<u>% Use</u>	Season Long Use	ALL	40 - 50	Deferred Rotation	ALL	45 - 60	Rest Rotation	ALL	55 - 65	Spring		50 - 60	Summer		45 - 50	Fall	30 - 40% or 4" - 6" stubble	or regrowth	<u>% slope</u>	<u>% allowable soil disturbance</u>	0 - 25%	30%	25 - 40%	20%	*41 - or greater	10%
<u>Mgt System</u>	<u>Veg. Type</u>	<u>% Use</u>																													
Season Long Use	ALL	40 - 50																													
Deferred Rotation	ALL	45 - 60																													
Rest Rotation	ALL	55 - 65																													
Spring		50 - 60																													
Summer		45 - 50																													
Fall	30 - 40% or 4" - 6" stubble	or regrowth																													
<u>% slope</u>	<u>% allowable soil disturbance</u>																														
0 - 25%	30%																														
25 - 40%	20%																														
*41 - or greater	10%																														

02 Consider wildlife transplants to suitable habitat when it is compatible with the management prescription

R-4 Supplement to FSM 2611.

GRAZING PERMIT - PART.3

(Reference FSM 2230)

Special Terms and Conditions

Management Practices. (List the specific management practices required of the permittee, such as salting, riding and movement of cattle, herding or bedding of sheep; or incorporate into the permit the specific allotment management plan or other document which outlines these practices in detail.)

Forest Wide Proper Use Criteria

Unless specified elsewhere in the Forest Plan or in an allotment management plan, the following Proper Use Criteria is applicable:

A. Cattle Allotments

1. Uplands

<u>Mgt System</u>	<u>Veg Type</u>	<u>Use of Key Species</u>
Season Long Use	ALL	40 - 55%
Deferred Rotation	ALL	45 - 60%
Rest Rotation	ALL	55 - 65%

2. Riparian Areas

Spring	50 - 60%
Summer	45 - 50%
Fall	30 - 40% or 4" - 5" of stubble or regrowth.

3. Soils

<u>% slope</u>	<u>% allowable soil disturbance</u>
0 - 25%	30%
25 - 40%	20%
*41 - or greater	10%

* Slopes over 40% are usually not suitable for cattle use.

B. Sheep Allotments

1. Uplands

<u>Use category</u>	<u>% use of key species</u>
Light Use	0 - 25%
Moderate Use	26 - 45%
Heavy Use	greater than 46%

Moderate use is considered to be proper use.

2. Riparian Areas

Same as cattle allotments

3. Soil Disturbance

<u>% slope</u>	<u>% allowable soil disturbance</u>
0 - 25%	30%
26 - 40%	20%
41 - 60%	10%
61% or greater	5%

MANAGEMENT
STANDARDS &
ACTIVITIES
GUIDELINES

GENERAL
DIRECTION

CONTINUATION OF:
RANGE RESOURCE
MANAGEMENT
(D02)

production or management, those authorized to
will be required to replace losses through
mitigations.

01 Provide structural and non-structural range
improvements needed to maintain or improve range conditions
as specified in allotment management plans.

02 Perpetuate non-commercial aspen communities as a
forage source.

RANGE
IMPROVEMENT AND
MAINTENANCE
(D03, 04, 05
AND 06)

c. 2) Sheep Allotments

1. Uplands

<u>Use category</u>	<u>% use of key species</u>
---------------------	-----------------------------

Light Use	0 - 25%
Moderate Use	26 - 45%
Heavy Use	greater than 46%

Moderate use is considered to be proper use.

2. Riparian Areas

Same as cattle allotments

3. Soil Disturbance

<u>% slope</u>	<u>% allowable soil disturbance</u>
0 - 25%	30%
26 - 40%	20%
41 - 60%	10%
61% or greater	5%

a. Complete project effectiveness analysis to determine
investment priorities (FSH 2209.11).

b. Construct and maintain structural improvements in
accordance with Forest Service stands (FSH 2209.23).

c. Where site-specific developments adversely affect long-term

APPENDIX B MINERAL STIPULATIONS AND MITIGATION STATEMENTS

	<u>Page</u>
Coal	
1. <u>Special Coal lease Stipulations</u>	B-2
(To be included in leases as appropriate.)	
2. <u>Standard Stipulations for Coal Drilling Operations.</u>	B-5
(To be included in leases as appropriate.)	
Oil and Gas	
1. <u>Stipulation for Lands Under Jurisdiction of Department of Agriculture</u> . . .	B-8
(Required in leases for National Forest System lands.)	
2. <u>Forest Service (R-4) Supplement A</u>	B-9
(Required in leases for National Forest System lands.)	
3. <u>Special Stipulations</u>	B-11
(Table included in leases as appropriate.)	
4. <u>Prospecting Permit.</u>	B-15
(Required in permits.)	
5. <u>Regional Stipulations</u>	B-17
(Required in permits for prospecting for O&G.)	
6. <u>Manti-LaSal National Forest Stipulations</u>	B-18
(Included in permits for prospecting for O&G.)	

Locatable Minerals

1. Locatable Mineral Mitigation Statements B-21
(Required in Action Plan approval documents.)
2. Required and Special Mitigation Statements for Uranium Drilling B-21

SPECIAL COAL LEASE STANDARDS

Federal Regulations 43 CFR 3400 pertaining to Coal Management make provisions for the Surface Management Agency, the surface of which is under the jurisdiction of any Federal agency other than the Department of Interior, to consent to leasing and to prescribe conditions to ensure the use and protection of the lands. All or part of this lease contain lands the surface of which are managed by the United States Department of Agriculture, Forest Service - Manti-LaSal National Forest.

The following stipulations pertain to the Lessee responsibility for mining operations on the lease area and on adjacent areas as may be specifically designated on National Forest System lands.

Forest Service Stipulation #1

Before undertaking activities that may disturb the surface of previously undisturbed leased lands, the Lessee may be required to conduct a cultural resource inventory and a paleontological appraisal of the areas to be disturbed. These studies shall be conducted by qualified professional cultural resource specialists or qualified paleontologists, as appropriate, and a report prepared itemizing the findings. A plan will then be submitted making recommendations for the protection of, or measures to be taken to mitigate impacts for identified cultural or paleontological resources.

If cultural resources or paleontological remains (fossils) of significant scientific interest are discovered during operations under this lease, the Lessee prior to disturbance shall immediately bring them to the attention of the appropriate authority. Paleontological remains of significant interest do not include leaves, ferns, or dinosaur tracks commonly encountered during underground mining operations.

The cost of conducting the inventory, preparing reports, and carrying out mitigating measures shall be borne by the lessee.

Forest Service Stipulation #2

If there is reason to believe that threatened or endangered (T&E) species of plants or animals, or migratory *-bird-* species of high Federal interest occur in the area, the Lessee shall be required to conduct an intensive field inventory of the area to be disturbed and/or impacted. The inventory shall be conducted by a qualified specialist and a report of findings will be prepared. A plan will be prepared making recommendations for the protection of these species or action necessary to mitigate the disturbance.

The cost of conducting the inventory, preparing reports, and carrying out mitigating measures shall be borne by the Lessee.

Forest Service Stipulation #3

The Lessee shall be required to perform a study to secure adequate baseline data to quantify the existing surface resources on and adjacent to the lease area. Existing data may be used if such data is adequate for the intended purposes. The study shall be adequate to locate, quantify, and demonstrate the inter-relationship of the geology, topography, surface hydrology, vegetation, and wildlife. Baseline data will be established so that future programs of observation can be incorporated at regular intervals for comparison.

MANAGEMENT PRESCRIPTION FOR KWR
(EMPHASIS IS ON KEY BIG-GAME WINTER RANGE)

Management emphasis is on providing winter forage and cover for big-game species in areas that must be available and unencumbered for wildlife use each year during the critical winter period. Vegetative treatments are applied to increase forage production of grass, forb, and especially browse species and/or to create and maintain thermal and hiding cover. This may include prescribed burning, seeding, spraying, planting, and mechanical treatments. Browse stands are regenerated to maintain a variety of age classes and species.

Conflicting uses are not permitted on a continuing basis, but may be permitted outside the critical season if there is no long-term degradation. Livestock grazing that is compatible with wildlife habitat is permitted.

New roads other than short-term (temporary) roads are located outside of the management unit. Short-term roads will be rehabilitated to provide for wildlife use within one season after completed use. Prohibit motorized use to prevent unacceptable stress on big game during critical use periods.

Acquire key big-game winter range or wildlife habitat easements within or adjacent to the National Forest.

(EMPHASIS IS ON KEY BIG-GAME WINTER RANGE)

MANAGEMENT UNIT DIRECTION KWR

Forest Service Stipulation #4

Powerlines used in conjunction with the mining of coal from this lease shall be constructed so as to provide adequate protection for raptors and other large birds. When feasible, powerlines will be located at least 100 yards from public roads.

Forest Service Stipulation #5

The limited area available for mine facilities at the coal outcrop, steep topography, adverse winter weather, and physical imitations on the size and design of the access road, are factors which will determine the ultimate size of the surface area utilized for the mine. A site-specific Environmental Analysis will be prepared for each new mine site development and for major improvements to existing developments to examine alternatives and mitigate conflicts.

Forest Service Stipulation #6

Consideration will be given to site selection to reduce adverse visual impacts. Where alternative sites are available, and each alternative is technically feasible, the alternative involving the least damage to the scenery and other resources shall be selected. Permanent structures and facilities will be designed and screening techniques employed to reduce visual impacts, and where possible, achieve a final landscape compatible with the natural surroundings. The creation of unusual, objectionable, or unnatural land forms and vegetative landscape features will be avoided.

Forest Service Stipulation #7

The Lessee shall be required to establish a monitoring system to locate, measure, and quantify the progressive and final effects of underground mining activities on the topographic surface, underground and surface hydrology and vegetation. The monitoring system shall utilize techniques which will provide a continuing record of change over time and an analytical method for location and measurement of a number of points over the lease area. The monitoring shall incorporate and be an extension of the baseline data.

Forest Service Stipulation #8

The Lessee shall provide for the suppression and control of fugitive dust on haul roads and at coal handling and storage facilities. On Forest Development Roads (FDR), Lessees may perform their share of road maintenance by a commensurate share agreement if a significant degree of traffic is generated that is not related to their activities.

Forest Service Stipulation #9

Except at specifically approved locations, underground mining operations shall be conducted in such a manner so as to prevent surface subsidence that would: (1) cause the creation of hazardous conditions such as potential escarpment failure and landslides, (2) cause damage to existing surface structures, and (3) damage or alter the flow of perennial streams. The Lessee shall provide specific measures for the protection of escarpments, and determine corrective measure to assure that hazardous conditions are not created.

Forest Service Stipulation #10

In order to avoid surface disturbance on steep canyon slopes and to preclude the need for surface access, all surface breakouts for ventilation shall be constructed from inside the mine, except at specific approved locations.

Forest Service Stipulation #11

If removal of timber is required for clearing of construction sites, etc., such timber shall be removed in accordance with the regulations of the surface management agency.

Forest Service Stipulation #12

The coal contained within and authorized for mining under this lease shall be extracted only by underground mining methods.

Forest Service Stipulation # 13

Existing Forest Service owned or permitted surface improvements will need to be protected, restored, or replaced to provide for the continuance of current land uses.

Forest Service Stipulation #14

In order to protect big-game wintering areas, elk calving and deer fawning areas, sage grouse strutting areas, and other key wildlife habitat and/or activities, specific surface uses outside the mine development area may be curtailed during specified periods of the year.

Forest Service Stipulation #15

Support facilities, structures, equipment, and similar developments will be removed from the lease area within two years after the final termination of use of such facilities. Disturbed areas and those areas previously occupied by such facilities will be stabilized and rehabilitated, drainage reestablished, and the areas returned to a premining land use.

Forest Service Stipulation #16

The Lessee, at the conclusion of the mining operation, or at other times as surface disturbance related to mining may occur, will replace all damaged, disturbed, or displaced *-corner-* monuments (section corners, 1/4 corners, etc.), their accessories and appendages (witness trees, bearing trees, etc.), or restore them to their original condition and location, or at other locations that meet the requirements of the *-rectangular survey system-*. This work shall be conducted at the expense of the Lessee, by a professional land surveyor registered in the State of Utah, and to the standards and guidelines found in the Manual of Surveying Instructions, United States Department of the Interior.

Forest Service Stipulation #17

The Lessee, at their expense, will be responsible to replace any surface water identified for protection, that may be lost or adversely affected by mining operations, with water from an alternate source in sufficient quantity and quality to maintain existing riparian habitat, fishery habitat, livestock and wildlife use, or other land uses.

SURFACE DISTURBANCE STIPULATIONS

(Stipulation Deleted)

