

<b>TERM GRAZING PERMIT - PART 3</b> (Reference FSM 2230)  ALPINE, STONE CREEK, FOOTE CREEK SUMMER, FOOTE CREEK WINTER, PS, COW FLAT ALLOTMENTS	<b>Page 7 of 21</b>
	Permittee Number <b>R0190</b>
	Permit Number <b>01039A</b>

### Mexican Spotted Owl and Critical Habitat

- No mineral supplement sites and no herd-size gathers or trailing done within MSO protected activity centers unless authorized,
- Regular rotation of mineral supplement sites in suitable MSO habitat outside of PACs (addressed in Annual Operating Instructions),
- West Thomas Pasture on the Foote Creek allotment is not grazed until after August 31<sup>st</sup> when it is used every other year, and

### **FOOTE CREEK, PS, STONE CREEK, COW FLAT ALLOTMENT MANAGEMENT PLAN**

The Environmental Assessment (EA) and the March 1, 1999 Decision Notice (DN) for an Allotment Management Plan is incorporated by reference into the Special Terms and Conditions. Subject to the above Decision Notice (DN) this portion of Part 3 constitutes the Allotment Management Plan for the allotments identified in Part 1.

#### Cow Flat and Foote Creek Winter:

##### Goals and Objectives

- Improve range condition by one class (page 18 of EA)
- Improve watershed and soil condition (page 18 of EA)
- Improve riparian condition (page 19 of EA)

#### Foote Creek Summer, PS, and Stone Creek:

##### Goals and Objectives

- Improve range condition by one class (page 19 of EA)
- Improve watershed condition with herbaceous plant cover (page 20 of EA)
- Improve riparian condition (page 20 of EA)

#### MANAGEMENT STRATEGY:

The two grazing permittees, Marks and Clark, livestock will be combined and grazed as one cow/calf herd during the summer/fall period, May 16 to October 15. The grazing system will be a rest-rotation schedule whereby each pasture receives rest every other year.

Summer/Fall allotments are Stone Creek, PS, and Foote Creek (except one pasture, see below).

Winter/Spring allotments are Cow Flat and just the Foote Creek Winter Pasture of Foote Creek allotment.

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There is capacity for 126 cow/calf pairs (2 permittees) on Summer/Fall allotments and 110 cow/calf pairs (1 permittee) on Winter/Spring allotments; environmental effects are based on impact of cow/calf pairs.

Other than exceptions noted below, only one herd is authorized, consisting of cow/calf pairs, belonging, on Summer/Fall allotments to both\* permittees and one permittee on Winter/Spring allotments. The single herd grazes one pasture at a time (no splitting into smaller herds and using more than one pasture at a time). (\*as of 01/16/2013 there is only one permittee grazing on the Summer/Fall allotments)

Replacement heifers or yearlings may be grazed with the single herd, *in lieu of* cow/calf pairs, on a one-to-one substitution basis. The second\* permittee's livestock for the summer/fall allotments must graze with the other permittee's livestock as a single herd in one pasture at a time as well.

The number of bulls counts toward the herd number. Bulls are grazed with the single herd during the summer/fall period, but grazed separately during the winter/spring period--typically in Lanphier Pasture one year (placed away from pairs in this very large pasture), or in Foote Creek Winter pasture the alternate year.

Cow Flat allotment (winter/spring) sets of pasture:

Year One- Lanphier pasture (very large pasture, capacity outbalances other pastures taken all together)

Alternate Year- Cow Canyon, KK Bar, Twin Spring, Cedar Spring, Tige and Foote Creek Winter pastures (all these pastures together have less than half the capacity in Lanphier Pasture alone)

Within the winter/spring or summer/fall sets of pastures, whatever pasture rotation is determined to best meet resource objectives for the year is acceptable, giving maximum management flexibility.

No re-grazing of pastures by livestock within each use period (Summer/Fall or Winter/Spring).

No early entry into Summer/Fall pastures (entry is generally 5/15) and no early entry into Winter/Spring pastures (entry is generally 10/16).

#### STANDARDS AND PRESCRIPTIONS:

When grazing utilization guidelines are met prior to the end of the scheduled pasture use, livestock are moved to the next scheduled pasture or removed from National Forest System Lands if no other pastures remain in the Summer/Fall set of pastures or Winter/Spring set of pastures.

Grazing utilization measurements will be measured as a minimum: pre livestock pasture entry and about midpoint of pasture use by livestock in key (or critical) areas; however, there is no requirement for post livestock pasture exit measurement. Utilization levels are measured in "point-in-time", or as "seasonal" use, but not [end-of-season] utilization.

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Grazing utilization guidelines:

- Max. 40% use on shrubs, year round, regardless of which pastures are in use.
- Max. 45% use on herbaceous key (=those most used) forage plants where range condition is good on both winter/spring and summer/fall pastures, otherwise:  
 Summer/Fall: 40% where fair, 30% where poor, 20% where very poor.  
 Winter/Spring: 45% where fair, 35% where poor, 20% where very poor.

**ALPINE ALLOTMENT MANAGEMENT PLAN**

Grazing management on the Alpine Allotment is a deferred rotation grazing system to include the Skousen, Hamblin, West Jackson, East Jackson Cemetery, Estes Tank, and Upper Luna Lake Pastures. The Pastures may receive permitted livestock use at different periods during the summer growing season, July 15 to September 30, and the early dormant season from October 1 to October 31.

Allowable Use: Allowable use is based on the amount and kind of forage on the allotment, plant needs and range condition and trend. Duration, frequency, and timing may be manipulated within the grazing schedule. Maximum allowable forage use by vegetation type is:

- Riparian herbaceous and browse species. 45%
- Upland herbaceous and browse species in areas outside of TES species habitat. 40%
- Herbaceous species within Northern Goshawk territories. 20% average, not to exceed 40%
- Browse species within Northern Goshawk territories. 40% average, not to exceed 60%
- Woody and herbaceous species within Mexican spotted owl habitat 20-40%
- Herbaceous species in riparian areas of The East Jackson and Hamblin Pastures 20%

If utilization standards are met or exceeded prior to the end of a pasture use period, livestock will be required to be moved to the next scheduled pasture or removed from the Forest. Grazing utilization measurements to determine utilization levels will be conducted prior to livestock entering a scheduled pasture and at mid-point or sooner date. If utilization standards are met or exceeded in key areas prior to cattle entering a scheduled pasture, livestock grazing will be deferred.

The location of key livestock areas may change annually depending on precipitation, on-the-ground livestock management intensity, water availability and timing of grazing use. Key areas are defined as: "a portion of range, which because of its location, grazing or browsing value, and/or use, serves as an indicative sample of range conditions, trend, or degree of use seasonally. A key area guides the general

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management of the entire area of which it is part". (Society for Range Management [SRM] 1974) and USFS Region Tree Rangeland and Management Training Guide, dated June, 1997).

Grazing utilization measurements will be recorded on key forage plants in key grazing areas. A key forage plant is defined as "(1) forage species (plants) whose use serves as an indicator to the degree of use of associated species" and (2) those species (plants) which must, because of their importance, be considered in the management program" (SRM 1974).

### 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 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 pots 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.

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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.
- 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:

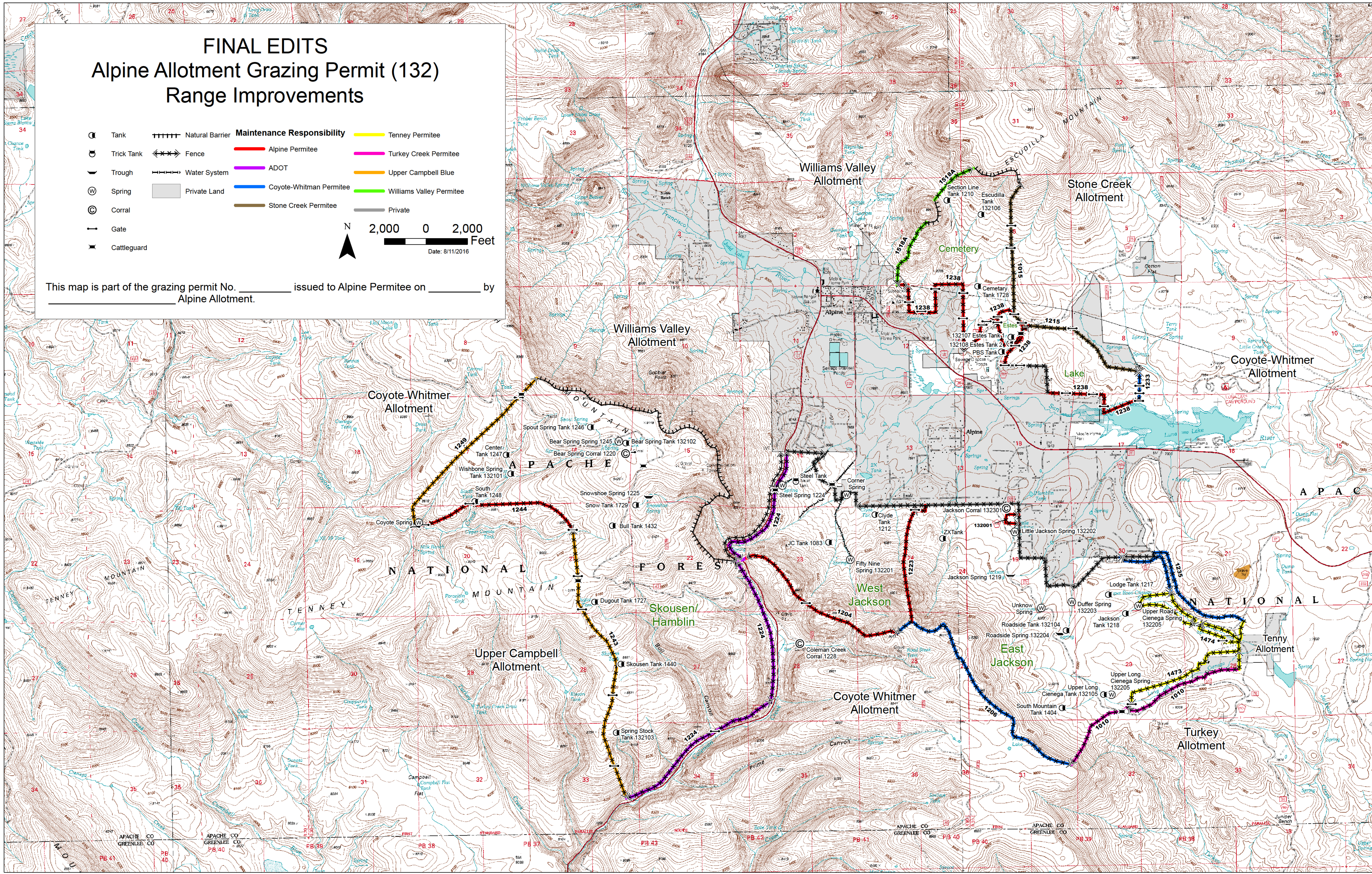
- a. Check stock tanks for seepage.
- b. Spillways will be flat and will have a minimum height of three feet and width of ten feet. They will be free of debris and obstructions. Eroded portions will be repaired.
- c. Tanks will be cleaned to their original capacity. Special care will be taken during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

# FINAL EDITS Alpine Allotment Grazing Permit (132) Range Improvements

- |               |                      |                                   |                                     |
|---------------|----------------------|-----------------------------------|-------------------------------------|
| ⊙ Tank        | ++++ Natural Barrier | <b>Maintenance Responsibility</b> | Yellow Line Tenney Permitee         |
| ⊕ Trick Tank  | ←-X-X-→ Fence        | Red Line Alpine Permitee          | Pink Line Turkey Creek Permitee     |
| ⌒ Trough      | ⌒ Water System       | Purple Line ADOT                  | Orange Line Upper Campbell Blue     |
| ⊙ Spring      | ⊙ Private Land       | Blue Line Coyote-Whitman Permitee | Green Line Williams Valley Permitee |
| ⊙ Corral      | ⊙ Private            | Brown Line Stone Creek Permitee   |                                     |
| — Gate        |                      |                                   |                                     |
| ⌒ Cattleguard |                      |                                   |                                     |



This map is part of the grazing permit No. \_\_\_\_\_ issued to Alpine Permitee on \_\_\_\_\_ by \_\_\_\_\_ Alpine Allotment.



# Cow Flat Allotment Grazing Permit (204) Range Improvements

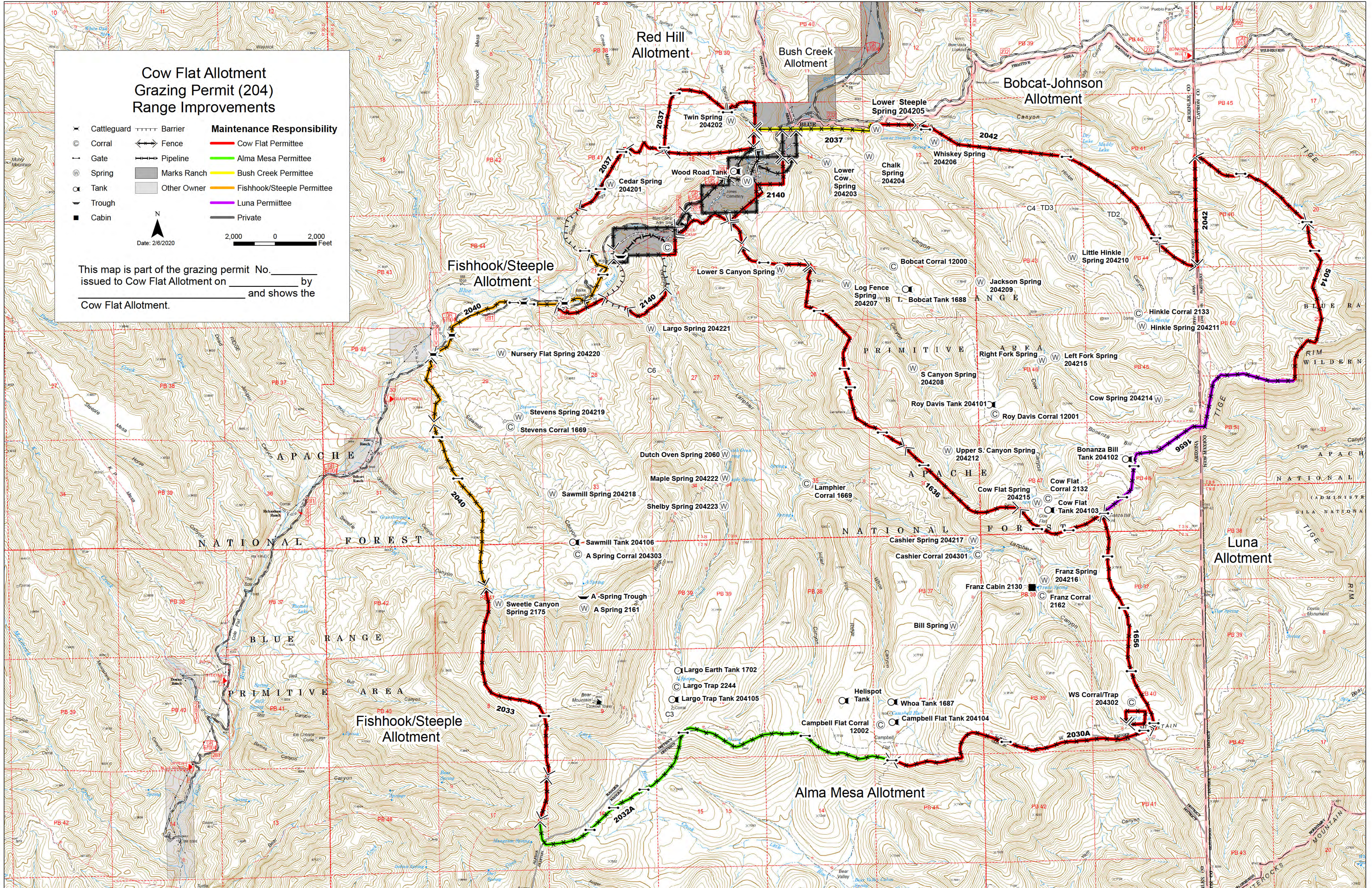
- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li>⊠ Cattleguard</li> <li>⊙ Corral</li> <li>— Gate</li> <li>⊙ Spring</li> <li>⊙ Tank</li> <li>— Trough</li> <li>■ Cabin</li> </ul> | <ul style="list-style-type: none"> <li>⊠ Barrier</li> <li>⊠ Fence</li> <li>— Pipeline</li> <li>■ Marks Ranch</li> <li>■ Other Owner</li> </ul> | <b>Maintenance Responsibility</b> <ul style="list-style-type: none"> <li>— Cow Flat Permittee</li> <li>— Alma Mesa Permittee</li> <li>— Bush Creek Permittee</li> <li>— Fishhook/Steeple Permittee</li> <li>— Luna Permittee</li> <li>— Private</li> </ul> |
|--|--|--|



Date: 2/6/2020

2,000 0 2,000 Feet

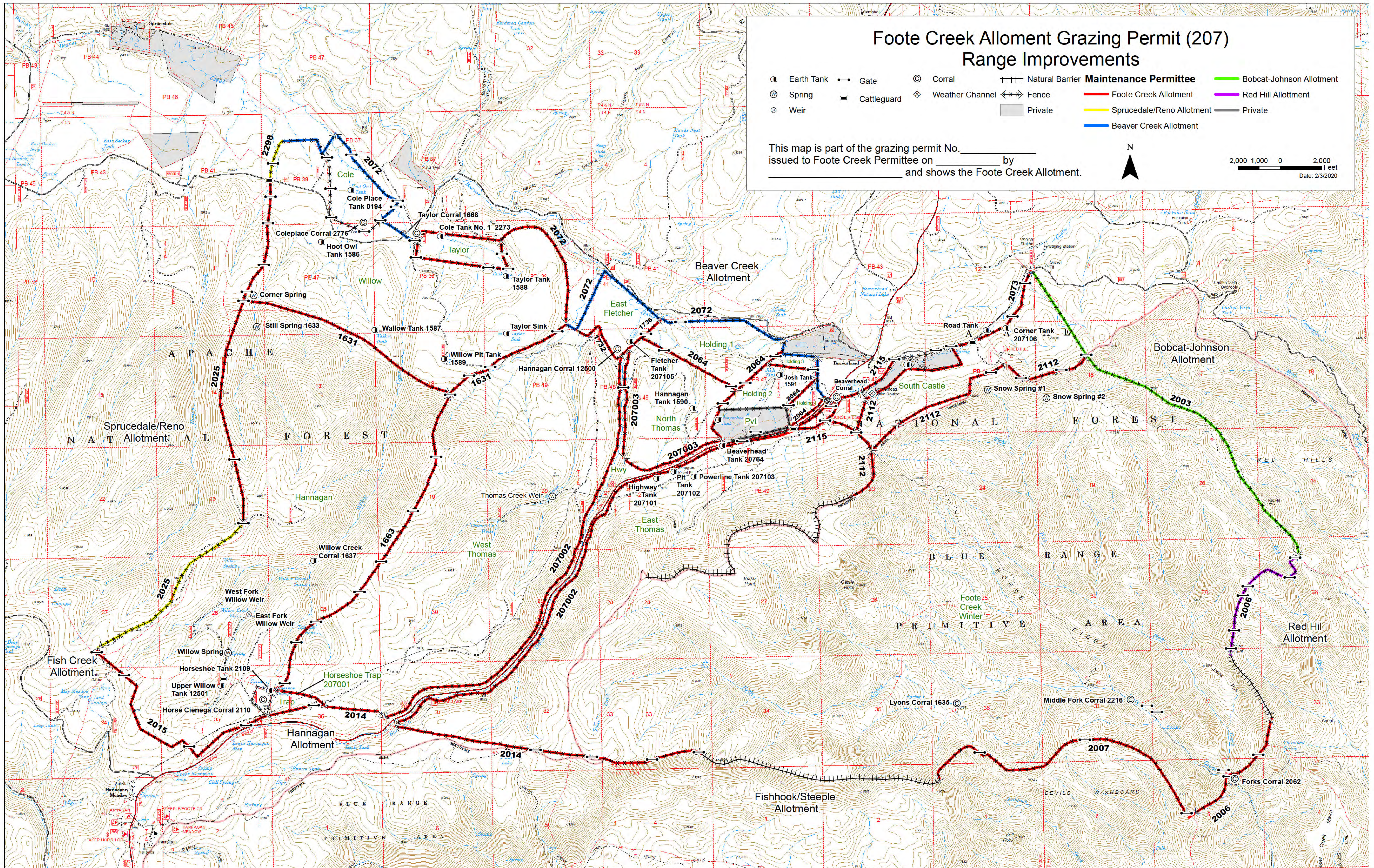
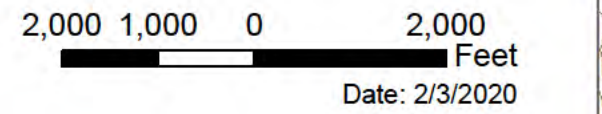
This map is part of the grazing permit No. \_\_\_\_\_ issued to Cow Flat Allotment on \_\_\_\_\_ by \_\_\_\_\_ and shows the \_\_\_\_\_ Cow Flat Allotment.

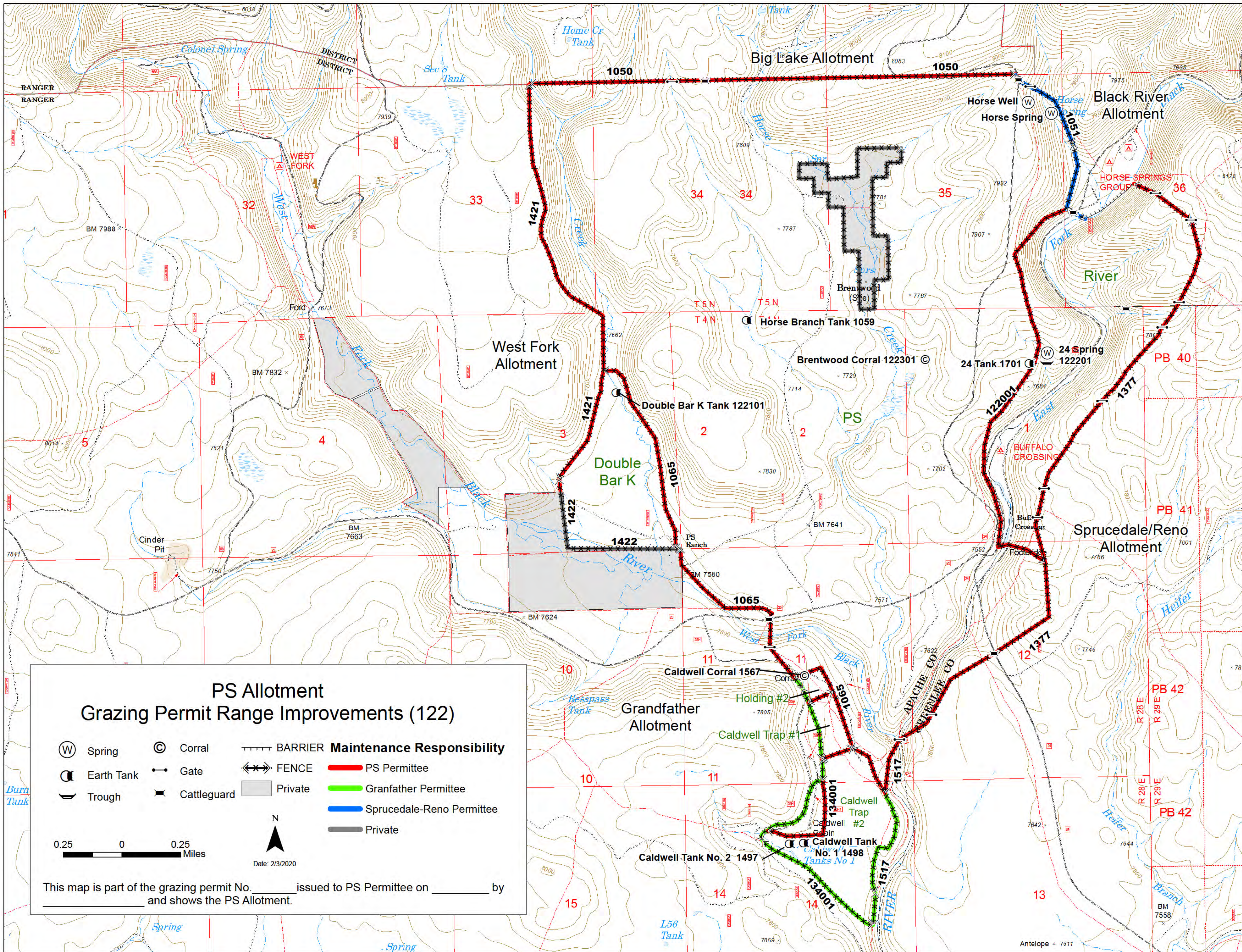


# Foote Creek Allotment Grazing Permit (207) Range Improvements

- |              |               |                   |                      |                              |                            |
|--------------|---------------|-------------------|----------------------|------------------------------|----------------------------|
| ⊙ Earth Tank | → Gate        | ⊙ Corral          | ++++ Natural Barrier | <b>Maintenance Permittee</b> | — Bobcat-Johnson Allotment |
| ⊙ Spring     | ⌵ Cattleguard | ◇ Weather Channel | ←→ Fence             | — Foote Creek Allotment      | — Red Hill Allotment       |
| ⊙ Weir       |               | ■ Private         |                      | — Sprucedale/Reno Allotment  | — Private                  |
|              |               |                   |                      | — Beaver Creek Allotment     |                            |

This map is part of the grazing permit No. \_\_\_\_\_ issued to Foote Creek Permittee on \_\_\_\_\_ by \_\_\_\_\_ and shows the Foote Creek Allotment.





### PS Allotment Grazing Permit Range Improvements (122)

- |                |                 |                  |                                     |
|----------------|-----------------|------------------|-------------------------------------|
| (W) Spring     | (C) Corral      | ----- BARRIER    | <b>Maintenance Responsibility</b>   |
| (E) Earth Tank | --- Gate        | --- FENCE        | Red Line PS Permittee               |
| U Trough       | --- Cattleguard | Grey Box Private | Green Line Grandfather Permittee    |
|                |                 |                  | Blue Line Sprucedale-Reno Permittee |
|                |                 |                  | Black Line Private                  |

0.25 0 0.25 Miles



Date: 2/3/2020

This map is part of the grazing permit No. \_\_\_\_\_ issued to PS Permittee on \_\_\_\_\_ by \_\_\_\_\_ and shows the PS Allotment.

# Stone Creek Allotment (110) Range Improvements

- |               |                      |                                   |
|---------------|----------------------|-----------------------------------|
| ⊕ Earth Tank  | ++++ Natural Barrier | <b>Maintenance Responsibility</b> |
| ⌒ Trough      | ⌘⌘⌘ Fence            | — Stone Creek Permittee           |
| ⊙ Spring      | — Water System       | — Alpine Permittee                |
| ⊙ Corral      | ■ Private            | — Coyote-Whitmer                  |
| ⌒ Gate        | — Private            | — ELC Permittee                   |
| ⌘ Cattleguard |                      |                                   |

This map is part of the grazing permit No. \_\_\_\_\_ issued to Stone Creek Permittee on \_\_\_\_\_ by \_\_\_\_\_ and shows the Stone Creek Allotment.



Date: 2/3/2020

1,500 750 0 1,500 Feet

