

**RANGELAND HEALTH ASSESSMENT
FOR THE SILVER LAKE AREA**

INCLUDING ALLOTMENTS:

700 SILVER CREEK-BRIDGE CREEK

701 UPPER BRIDGE CREEK

702 BUCK CREEK-BRIDGE CREEK

703 BEAR CREEK

704 WARD LAKE

705 OATMAN FLAT

707 TUFF BUTTE

708 ARROW GAP

709 DEAD INDIAN-DUNCAN

710 MURDOCK

711 SOUTH HAYES BUTTE

712 BRIDGE WELL

713 SILVER CREEK

714 TABLE ROCK

716 SILVER LAKE LAKEBED

Oregon Standards for Rangeland Health

Standard 1 - Upland Watershed -Upland soils exhibit infiltration and permeability rates, moisture storage, and stability that is appropriate to soil, climate, and landform.

Standard 2 - Riparian/Wetland-Riparian-wetland areas are in properly functioning physical condition appropriate to soil, climate, and landform.

Standard 3 -Ecological Processes-Healthy, productive, and diverse plant and animal populations and communities appropriate to soil, climate, and landform are supported by ecological processes of nutrient cycling, energy flow, and hydrologic cycle.

Standard 4 - Water Quality Standards- Surface water and groundwater quality, influenced by agency actions, complies with State water quality standards.

Standard 5 - Biological Diversity-Habitats support healthy, productive, and diverse populations and communities of native plants and animals (including special status species and species of local importance) appropriate to soil, climate, and landform.

Allotment Overviews

Locations: See attached maps

ESI Data and Vegetation Summaries: See attached tables

700 Allotment- Silver Creek/Bridge Creek

Public Acres: 6645 **Other Acres:** 265

Category: I

7.5 Minute Topographic Maps: Hager Mountain, Bridge Creek Draw

One permittee- Sphar

AUMs of authorized use: 303 AUMs active with a grazing decision to test carrying capacity up to 646 AUMs.

Season of use: Spring, Summer, 4/21-6/30.

Grazing system: Rest rotation grazing, Four pastures not counting enclosure, Riparian pasture to be used early.

Other: Some of the Riparian pasture burned in the 2002 Silver fire, therefore no grazing is authorized in the riparian pasture for 2003 or 2004. Enclosure fence needs repair.

Vegetation: Vegetation on the allotment is a diversity of low sagebrush, mountain big sagebrush, rabbitbrush, bitterbrush and juniper overstory with understory species including Sandbergs bluegrass, bluebunch wheatgrass, several needlegrasses, Idaho fescue and crested wheatgrass.

701 Allotment- Upper Bridge Creek

Public Acres: 1460 **Other Acres:** 3270

Category: M

7.5 Minute Topographic Map: Bridge Creek Draw

One permittee- Tom O'Leary

AUMs of Authorized Use: 108 AUMs plus 52 AUMs that have been tested with TNR for several years.

Season of Use: Spring and Fall

Grazing system: Early spring use and fall use with 3 pastures, Permittee uses the allotment for about a month in the spring prior to going to the forest, and again in the fall returning from the forest.

Vegetation: Vegetation on the allotment is predominately mountain big sagebrush communities, and juniper communities with some areas of low sagebrush and ponderosa pine.

702 Allotment- Buck Creek/Bridge Creek

Public Acres: 6280 **Other Acres:** 375

Category: M

7.5 Minute Topographic Maps: Bridge Creek Draw, Silver Lake and Oatman Flat

AUMs of Authorized Use: 309

One permittee- Shaw

Season of Use: Summer through Fall 5/1-10/15

Grazing system: Four pasture rest rotation, 309 AUMs Season of Use

Vegetation: Vegetation on the allotment is a diversity of mountain big sagebrush, and juniper communities with smaller areas of low sagebrush, basin big sagebrush and rabbitbrush.

703 Allotment- Bear Creek

Public Acres: 1155 **Other Acres:** 990

Category: M

7.5 Minute Topographic Map: Bridge Creek Draw

One permittee- Hass

AUMs of Authorized Use: 107 AUMs

Season of Use and Grazing System: Fall winter use 9/1-12/28. One pasture

Vegetation: Vegetation on the allotment is dominated by juniper communities with smaller areas of mountain big sagebrush, rabbitbrush and ponderosa pine communities.

704 Allotment- Ward Lake

Public Acres: 12494 **Other Acres:** 1819

Category: I

7.5 Minute Topographic Maps: Oatman Flat and Silver Lake

AUMs of Authorized Use: 522 AUMs Currently testing some TNR for both permittees

Two grazing permittees- Iverson and Brown

Season of Use: Spring and Summer 4/21-7/15

Grazing System: Rest Rotation. Four pastures. Iverson uses South and West, Brown uses North and East.

Vegetation: Vegetation on the allotment is dominated by juniper communities and is further described in the attached tables.

705 Allotment- Oatman Flat

Public Acres: 28503 **Other Acres:** 6075

Category: I

7.5 Minute Topographic Maps: Fort Rock, McCarty Butte, Oatman Flat, Schaub Lake, Silver Lake, Tuff Butte

One permittee-Cliff

AUMs of Authorized Use: 2082 AUMs

Season of Use: Spring, Summer 4/15-7/31

Grazing System: Rest rotation

Vegetation: Vegetation on the allotment is diverse including silver sagebrush, mountain and basin varieties of big sagebrush, two species of rabbitbrush, bitterbrush, juniper and ponderosa pine with a wide variety of understory species.

707 Allotment- Tuff Butte

Public Acres: 9330 **Other Acres:** 2310

Category: M

7.5 Minute Topographic Map: Tuff Butte

One permittee-Cliff

AUMs of Authorized Use: 536 AUMs

Season of Use: Spring, Summer 4/1-6/30

Grazing System: Deferred Rotation

Vegetation: Vegetation on the allotment is dominated by juniper communities with some introduced species of crested wheatgrass.

708 Allotment- Arrow Gap

Public Acres: 2720 **Other Acres:** 0

Category: C

7.5 Minute Topographic Maps: Tuff Butte and Thorn Lake

One permittee- Dinsdale

AUMs of Authorized Use: 135 AUMs

Season of Use: Spring 4/16-5/15

Grazing System: Spring Use

Other: The allotment has not been grazed since 2001 due to lack of water.

Vegetation: Vegetation on the allotment is dominated by juniper and basin big sagebrush with large patches of cheatgrass.

709 Allotment- Dead Indian Duncan

Public Acres: 18790 **Other Acres:** 2420

Category: M

7.5 Minute Topographic Maps: Egli Rim, Duncan Reservoir

Two permittees- Murphy and McDowell

AUMs of Authorized Use: 582 AUMs

Season of Use: Spring, Summer, Fall 4/15-10/23

Grazing System: Five pastures, Rest Rotation grazing system

Other: The north part of the Rim pasture was fenced after the Toolbox Fire. There is no authorized grazing in the newly fenced area of Willow or Picture Rock pastures for 2003 and 2004.

Vegetation: Vegetation on the allotment is diverse including meadow, low sagebrush, mountain big sagebrush, juniper, ponderosa pine, aspen and mountain mahogany communities.

710 Allotment- Murdock

Public Acres: 4468 **Other Acres:** 1668

Category: I

7.5 Minute Topographic Maps: Hager Mountain and Duncan Reservoir

One permittee- Cliff

AUMs of Authorized Use: 403

Season of Use: Spring, Summer 4/1-6/30

Grazing System: Four pastures. Rest rotation

Vegetation: Vegetation on the allotment is diverse including communities of low sagebrush, mountain big sagebrush, juniper and ponderosa pine.

711 Allotment - South Hayes Butte

Public Acres: 1490 **Other Acres:** 710

Category: I

7.5 Minute Topographic Map: Tuff Butte

One permittee- Miles

AUMs of Authorized Use: 88 AUMs

Season of Use: Spring 5/1-5/30

Grazing System: Spring Use

Vegetation: Vegetation on the allotment is primarily juniper and mountain big sagebrush communities as further described in the attached tables.

712 Allotment- Bridge Well

Public Acres: 1400 **Other Acres:** 1050

Category: M

7.5 Minute Topographic Map: Tuff Butte

One permittee- JR Simplot

AUMs of Authorized Use: 188, with flexibility to test carrying capacity using TNR up to 188 additional.

Season of Use: Spring, Summer 3/15-6/30

Grazing System: Rest Rotation, alternate use years with Silver Creek

Vegetation: Vegetation on the allotment is a mixture of crested wheatgrass and basin big sagebrush communities.

713 Allotment- Silver Creek

Public Acres: 2785 **Other Acres:** 870

Category: M

7.5 Minute Topographic Map: Silver Lake

One permittee- JR Simplot

AUMs of Authorized Use: 200 AUMs

Season of Use: Spring 4/15-5/15

Grazing System: Rest Rotation, the allotment has an AMP and is used every other year, alternating use with Bridge Well Allotment

Other: This allotment is being rested two years consecutively after the Silver Fire of 2002. Rest years 2003 and 2004.

Vegetation: Vegetation on the allotment is a diversity of low sagebrush, mountain big sagebrush, juniper and bitterbrush communities with a variety of native and introduced plant communities.

714 Allotment- Table Rock

Public Acres: 4110 **Other Acres:** 120

Category: C

7.5 Minute Topographic Map: Tuff Butte and Thorn Lake

Table Rock allotment has no authorized grazing use, the allotment has not been grazed with cattle, and has not been grazed since 1967. Prior to 1967 the area was grazed with sheep.

Vegetation: Vegetation on the allotment is predominately basin big sagebrush and juniper communities.

716 Allotment- Silver Lake Lakebed

Public Acres: 680 **Other Acres:** 0

Category: C

7.5 Minute Topographic Map: Duncan Reservoir

One permittee-Cliff

AUMs of Authorized Use: 250

Season of Use: Winter 12/1-12/31

Grazing System: Winter Use

Vegetation: Vegetation on the allotment is alkali meadow species from the intermittent lakebed with a few acres of mountain big sagebrush and bluebunch wheatgrass.

STANDARD 1 - Upland Watershed -Upland soils exhibit infiltration and permeability rates, moisture storage, and stability that are appropriate to soil, climate, and landform.

Overall the allotments in this assessment area including a total of 102,240 acres of BLM administered land, are functioning properly, and meeting the standard as indicated by the distribution and amount of ground cover, plant community composition, long-term trend studies, upland forage utilization surveys and SSF data compiled from ESI.

Indicators used to evaluate this standard are Soil Surface Factor (SSF) which documents erosion class and soil susceptibility to accelerated erosion; plant community composition which indicates the root capacity of the soil profile; grazing management, and existing vegetation monitoring (forage utilization and trend studies). Ecological Site Inventory (ESI) is preliminary and is used for estimation purposes only. Field surveys to determine ESI were done in 1997-2001 for the assessment area. Please refer to allotment specific tables and the ESI summary for the assessment area for full vegetative information including plant species, soil surface factor, observed apparent trend and ecological status.

SSF data is available on 89% of the area. The acreage without data represents vegetative areas too small to be mapped, transition zones between vegetative communities and soil types, and rock outcrops. The majority of the area has an SSF rating of stable to slight, 24% is moderate and less than 1% is critical. Overall SSF data indicates the soils in 75% of the assessment area are not susceptible to wind or water erosion. Areas in the moderate to critical erosion class are not related to current grazing practices as indicated by livestock utilization, distribution and grazing management.

The grazing systems are designed to maintain healthy perennial vegetative communities. The recommended grazing systems from the Lakeview Grazing EIS have basically been followed for the last 20 years throughout the assessment area. Livestock grazing levels have been at or below carrying capacities. The livestock grazing systems are maintaining perennial vegetation and the root systems of perennial vegetation which assist in holding soil in place. Perennial vegetation provides protective cover to reduce soil movement, decrease compaction and thus increase infiltration. Overall grazing management is maintaining a healthy perennial vegetative cover which assists in properly functioning soil properties.

Another indicator of Upland Watershed is plant composition and structure. There are at least 60 different vegetative communities in the assessment area with a diversity of grass, shrub, forb and tree species. Overall a diverse plant community exists to provide root systems throughout the soil profile, providing soil stability and water storage within the plant and soil systems.

A small percentage (16%) of the overall acreage is recommended for juniper treatment and restoration projects. These areas are shown in the attached tables and are dominated by cheatgrass, medusahead rye or juniper and lack diversity in perennial species especially herbaceous and shrub species. Dominance by a single species reduces the overall root capacity to stabilize soil and store water within the plant community.

STANDARD 2 - Riparian/Wetland-Riparian-wetland areas are in properly functioning physical condition appropriate to soil, climate, and landform.

This standard is being met because lentic and lotic systems are functioning properly.

Lotic PFC site inventories were completed in 1996. Silver Creek in the pasture on BLM was rated as PFC for 1.5 miles and West Fork Silver Creek was rated as PFC for 1.55 miles. On West Fork Silver Creek a Functional at Risk with Upward Trend reach on BLM of 0.55 miles occurs above the 0700 pasture, but this reach is excluded from grazing and not included in the subject allotment. Silver Creek is flow controlled due to Thompson Reservoir and so has a lack of flood plane development and low stream structure. On the West Fork assessment, the PFC forms noted that some reaches had width/depth ratios out of balance and some excessive active bank erosion, but not enough to prevent proper functioning of the stream. Current grazing practices have not been a contributing factor for the width/depth ratio, cut bank problems, flood plane or structure problems.

510 acres of palustrine wetlands have been surveyed in the assessment area and were rated in PFC.

Western juniper is moving into lentic and lotic systems and potential of these areas to capture, store, and release water is reduced, as described in Standard 1.

STANDARD 3- Healthy productive and diverse plant and animal populations and communities appropriate to soil, climate, and landform are supported by ecological processes of nutrient cycling, energy flow and the hydrologic cycle.

A review of the range monitoring data (photos, trend transects, climate, field observations OAT) ESI data, wildlife inventories, botany reports, weed surveys, and professional judgment indicate that overall the assessment area is meeting this standard.

Indicators used to evaluate this standard include animal populations, vegetative composition, presence of weed species, botanical reports, ecological status, OAT, current plant composition as compared to a defined Potential Natural Community (PNC) for the soil type and precipitation zone. SSF, OAT, Range Site, Seral Stage and PNC are from the Lake County ESI survey which is preliminary at this time. Field surveys for ESI were completed in 1997-2001. Data is currently being reviewed and updated and is used for estimation purposes only. Please refer to the Tables presented in the Allotment Overview for summary of ESI data. The vegetation data presented in ESI tables along with the list of plant species recorded on field reviews shows the overall diversity of plant species in the assessment area.

The ESI survey compares the current plant composition to a defined Potential Natural Community for the identified soil type and precipitation zone. Using the 1997-2001 ESI, 6% of the native plant communities are at PNC, 43% are in Late Seral, 48% are in Mid Seral and 3% are in Early Seral. 8553 of the 102,240 acres in the assessment area (8%) have been seeded to crested wheatgrass, an introduced plant community. Crested wheatgrass communities are not expected to move toward a natural plant community. Within the crested wheatgrass seeding there are pockets of native vegetation as well as diversity of species on the borders of the seedings, creating healthy, productive and diverse overall plant communities.

Observed Apparent Trend (OAT) is a one time trend for the area determined in the 1997-2001 ESI survey. Totals for the acreage actually surveyed show 16% had an upward trend, 62% had a Static trend and 22% had a downward trend. The majority of downward trend can be attributed to levels of cheatgrass, medusahead rye or juniper which are present at higher levels than normally expected on a given site. The downward trend is not attributed to current livestock grazing practices.

The plant community diversity and ability to reach potential is hindered by cheatgrass and medusahead rye invasion, and juniper encroachment on 16% of the overall BLM acreage. This is a reflection of historical grazing, fire suppression, and weedy species invasion which is not attributed to current livestock management.

Botany Report

There are four natural area cells within the Connelly Hills ACEC/RNA portion of the 705 Allotment. These cells are (4) Western juniper/big sagebrush/bluebunch wheatgrass, (7) Western juniper/bluebunch wheatgrass, (8) Western juniper/Idaho fescue, and (11) Wyoming big sagebrush/bluebunch wheatgrass. The plant species list described in Standard 5 shows the diversity of plant species in the assessment area and indicates the area meets the standard.

Weed Report

Noxious weeds are known to occur in the Silver Lake Rangeland Health Assessment area. Medusahead rye poses the biggest threat and is present in several of the allotments. Treatment of medusahead over large acreages on BLM is difficult. Under the Court injunction on herbicide use in Oregon, selective chemicals for medusahead treatment are not available and there are no proven biological control agents. Mechanical treatment is not practical over large acres of rugged terrain, and would need to be used in combination with some other method such as chemical or biological. Prevention measures are in place to reduce the likelihood of spreading medusahead to new areas and research is underway to explore treatment and restoration of medusahead infested sites. Along Highway 31 there are a few small historic patches of musk thistle and diffuse knapweed. These species have been controlled and the previously infested areas are inspected annually for new or returning weeds. Mediterranean sage and bull thistle are common in the Assessment area but not over large areas and are not widespread. Known sites are under treatment. Canada thistle occurs in a few places along creeks and around spillways. These sites are small (less than 1 acre) and most are under treatment.

Wildlife Report

Much of these allotments support healthy diverse wildlife populations. Wildlife habitats are threatened by several small areas of noxious weeds and invasive juniper within portions of many of these allotments. Invasive species like medusahead rye occur in small areas, but will increase and spread when the next major disturbance or wildfire occurs. Ongoing efforts are underway to curtail the spread of noxious weeds. With increasing control of wildfires over the past few decades, western juniper has greatly increased its range within these allotments. There are adequate levels of species diversity within these allotments. This standard is currently being met from the aspect of wildlife populations and diversity.

STANDARD 4- Surface water and groundwater quality, influenced by agency actions, complies with State water quality standards.

This Standard is being met based on the following:

Even though both Silver and West Fork Silver Creek in the 0700 Allotment have been listed as water quality impaired for exceeding temperature standards this standard is being met. Because of lack of livestock access to Silver Creek and the current grazing management, grazing is not contributing to the impairment of water quality in either Silver or West Fork Silver Creek. At this time, the surface water and ground water has not been listed for exceeding water quality standards in the remainder of the assessment area.

STANDARD 5- Native, T&E, and locally important species. Habitats support healthy, productive and diverse populations and communities of native plants and animals (including special status species and species of local importance) appropriate to soil, climate and landform.

The assessment area is meeting the standard as described in the following reports.

Plant Species

Botanist Report

Native plant species in the assessment were recorded on visits South of Highway 31 on November 19, 2003 and areas North of Highway 31 on December 8, 2003.

The following Native Plant Species were found: *Achillea millefolium*, *Agropyron intermedium*, *Agropyron spicatum* (*Pseudoroegneria spicata*), *Amelanchier alnifolia*, *Alyssum alyssoides*, *Arenaria* sp., *Antennaria* sp., *Arabis* sp., *Artemisia arbuscula*, *Artemisia tridentata* var. *tridentata*, *Artemisia tridentata* ssp. *vaseyana*, *Artemisia tridentata* ssp. *wyomingensis*, *Astragalus* sp., *Atriplex* sp., *Bromus inermis*, *Calochortus macrocarpus*, *Carex rossii*, *Carex* sp., *Cercocarpus ledifolius*, *Chrysothamnus viscidiflorus*, *Cirsium* sp., *Collomia grandiflora*, *Cryptantha* sp., *Danthonia unispicata*, *Descurainia* sp., *Distichlis spicata* var. *stricta*, *Eleocharis* sp., *Elymus cinereus*, *Elymus elymoides*, *Elymus triticoides*, *Epilobium* sp., *Eriastrum sparsiflorum*, *Ericameria nauseosa*, *Erigeron* sp., *Eriogonum* sp., *Festuca idahoensis*, : *Gayophytum* sp., : *Iva axillaries*, *Juncus* sp., *Juniperus occidentalis*, *Koeleria pyramidata* (*Koeleria macrantha*), *Letharia* sp., *Letharia* sp. on junipers, lichens (on rocks), *Lomatium* sp., *Lupinus* sp., mosses (riparian), soil mosses, *Mentzelia albicaulis*, mosses (on rocks), *Muhlenbergia richardsonis*, *Oryzopsis hymenoides*, *Penstemon* sp., *Phacelia* sp., *Phlox diffusa*, *Phlox gracilis*, *Phlox hoodii*, *Phlox longifolia*, *Phlox* sp., *Pinus ponderosa*, *Poa secunda*, *Polygonum* sp., *Populus tremuloides*, *Potentilla* sp., *Purshia tridentata*, *Ribes cereum*, *Ribes* sp., *Salix* sp., *Rumex* sp., *Sarcobatus vermiculatus*, *Sidalcea* sp., *Stipa comata*, *Stipa columbiana*, *Stipa occidentalis* (*Achnatherum occidentale*), *Stipa thurberiana* (*Achnatherum thurberianum*), and *Tragopogon dubius*, *Verbascum thapsus*, *Zigadenus venenosus*

Special Status Plants: *Cymopterus nivalis* (snowline cymopterus) is documented in Allotment 708. There are 6 known populations of this plant in the Lakeview Resource Area. It is on the BLM Bureau Assessment list, ONHP List 2.

Special Status Plants: SSS plants documented in Allotment 714 include *Eriogonum cusickii*, *Cymopterus nivalis*, and *Galium serpticum* var. *warnerense*. ERCU (Cusick's buckwheat) is on the BLM Bureau Sensitive List and is on the ONHP List 1. There are only two populations of ERCU known in the Lakeview Resource Area. CYNI (snowline cymopterus) is on the BLM Bureau Assessment List and on ONHP List 2. There are 6 documented populations in the Lakeview Resource Area. GASEW (Warner Mt bedstraw) is on the BLM Bureau Sensitive List and is on the ONHP List 1. There had been only one documented population in the Lakeview Resource Area, but it was also found in June of 2003 near the existing populations of ERCU and CYNI in Allotment 714, so there are now two known populations.

No special status plants are indicated or documented in the rest of the assessment area.

Locally Important Plant Species: No cultural plants were noted on the field trips.

Animal Species

For the aquatic systems, both Silver and West Fork Silver Creek in the 0700 Allotment serves as habitat for redband trout and speckled dace. Current conditions are acceptable so this standard is being met.

Special status wildlife species or their habitats that are present within these allotments include the bald eagle (*Haliaeetus leucocephalus*), ferruginous hawk (*Buteo regalis*), peregrine falcon (*Falco peregrinus*), burrowing owl (*Speotyto cunicularia*), kit fox (*Vulpes macrotis*), sage-grouse (*Centrocercus urophasianus*), and pygmy rabbit (*Brachylagus idahoensis*). There are also three species with high public interest. These are mule deer (*Odocoileus hemionus*), Rocky mountain elk (*Cervus elaphus*) and pronghorn antelope (*Antilocapra americana*).

There are two known bald eagle nests within the vicinity of these allotments. One nest occurs on Forest Service administered lands and the other on private lands. Bald eagle foraging does occur within these allotments and is most common in and around wetland areas adjacent to Duncan Reservoir, ZX Detention Reservoir and Silver Lake. There is also some foraging on scattered carrion within the allotments. There is no nesting habitat for peregrine falcons. It is suspected that peregrine falcons are occasional visitors to the area. No incidental sightings of peregrines exist within the vicinity of these allotments. There are no good foraging areas for peregrine falcons within close proximity of these allotments. No surveys have been conducted for ferruginous hawk. Ferruginous hawk foraging habitat exists through much of these allotments. There are no resource conflicts for peregrine falcons, ferruginous hawks or bald eagles.

Burrowing owls have been observed at a few locations within these allotments. No nest burrows have been observed in either allotment. There are no resource conflicts for this species.

Very little habitat is present for kit fox and no known locations exist within the allotments for this species. No inventories have been conducted for kit fox within the allotments, however they are suspected to occur within portions of the allotments. There are no resource conflicts for these species.

Pygmy rabbits are not known to occur in any of these allotments. No surveys have been completed for this species. It is suspected, however, that pygmy rabbits occur in some isolated pockets within these allotments. Additional surveys are scheduled for 2005 within these allotments. No conflicts exist for pygmy rabbits within these allotments.

Elk do occur within these allotments. Elk are scattered throughout many of the allotments, but tend to use much of the areas with higher densities of western juniper and timbered drainages scattered within the allotments. There is some overlap between cattle and elk foraging areas, but there is little competition between these species within these allotments.

Pronghorn antelope are common in several of these allotments. Pronghorn use is scattered across portions of these allotments that have large openings with low sagebrush or short stature Wyoming big sagebrush. Increasing western juniper has decreased available habitats for pronghorn in several low sagebrush habitats within these allotments. No major conflicts exist between pronghorn and cattle grazing within this area.

Mule deer inhabit much of the area. Large numbers of wintering mule deer exist within these allotments. Most conflicts with mule deer occur from livestock use of bitterbrush and from increasing western juniper. Limiting early spring and fall livestock grazing reduces the impacts to winter mule deer habitats. No major conflicts exist between mule deer and cattle grazing within these allotments. Bitterbrush is abundant, but livestock allotment dates are adjusted to limit impacts on wintering mule deer. Invasive juniper has decreased mule deer winter range conditions in much of these allotments.

There are 3 known sage-grouse lek sites within these allotments. Two active lek sites are located in allotment 709 and one historic lek site is located in allotment 700. Most sage-grouse use is marginal due to increasing noxious weeds and invasive western juniper. Some sage-grouse nesting does still occur within these allotments, but is greatly reduced from historic levels. In order for sage-grouse habitats to improve within these allotments, restoration of native sagebrush habitats must occur. A reduction in the amount of western juniper and control of noxious weeds with these allotments is needed. No major conflicts exist between cattle grazing and sage-grouse within this allotment at this time.

Overall, this standard is being met for wildlife species within these allotments. The occurrence of scattered areas of noxious weeds and invasive western juniper appear to be the limiting factors for sage grouse, wintering mule deer and most sagebrush wildlife habitats. Efforts to improve this standard should focus on control of noxious weeds and a reduction of western juniper to historic levels.

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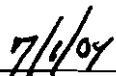
Determination

Existing grazing management practices or levels of grazing use on the Allotments promote achievement of significant progress towards the Oregon Standards and Guidelines for Rangeland Health and conform with the Guidelines for Livestock Grazing Management.

Existing grazing management practices or levels of grazing use on the Allotments will require modification or change prior to the next grazing season to promote achievement of the Oregon Standards and Guidelines for Rangeland Health and conform with the Guidelines for Livestock Grazing Management.



Field Manager, Lakeview Resource Area



Date

Summary of ESI Data 700 Allotments														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Seral Stage Acres			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARAR8/AGCR Low sagebrush/ crested wheatgrass	330			295	35			N/A Introduced plant community						
ARAR8/FEID Low sagebrush/ Idaho fescue	1202			1040	162				984	218	814	388		
ARAR8/KOPY/ Low sagebrush/ prairie junegrass	612				612				612				612	
ARAR8/POSE4 Low sagebrush/ Sandbergs bluegrass	7156			23	7133			1373	5783			668	6195	293
ARAR8/PSSPS Low sagebrush/ bluebunch wheatgrass	3038			1691	1347				3038			3038		
SUBTOTAL LOW SAGEBRUSH COMMUNITIES	12338	12%		3049	9289			1373	10417	218	814	4094	6807	293
SUBTOTAL ARCA13 SILVER SAGEBRUSH	549	1%	362	97			90	187	362				459	90
ARTRT/AGCR Basin big sagebrush /crested wheatgrass	1489		608	93	788			N/A Introduced plant community						
ARTRT/BRTE Basin big sagebrush/ cheatgrass	2903			2903				2369	534				2903	
ARTRT/ELEL5 Basin big sagebrush/ squirreltail	633			491	142			580	53				633	
ARTRT/LETR5 Basin big sagebrush/ creeping wildrye	45			45					45				45	
ARTRT/PSSPS Basin big sagebrush/ bluebunch wheatgrass	123				123				123			123		
SUBTOTAL BASIN BIG SAGEBRUSH COMMUNITIES	5193	5%	608	3532	1053			2949	755			123	3581	
ARTRV/AGCR Mountain big sagebrush/ crested wheatgrass	4066		2613	1453				N/A Introduced plant community						
ARTRV/BRTE Mountain big sagebrush/ cheatgrass	1112		995	117				407	705				581	531
ARTRV/ELEL5 Mountain big sagebrush/ squirreltail	1062			919	143			143	919				1062	

Summary of ESI Data 700 Allotments

Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Seral Stage Acres			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARTRV/FEID Mountain big sagebrush/ Idaho fescue	3451		445	3006					450	3001		3451		
ARTRV/POSE4 Mountain big sagebrush/ Sanbergs bluegrass	75			75					75				75	
ARTRV/PSSPS Mountain big sagebrush/ bluebunch wheatgrass	1095			589	347	159		218	288	589		589	506	
ARTRV/STOC2 Mountain big sagebrush/ western needlegrass	3146		1030	2116				905	2241			1030	2116	
ARTRV/STOC4 Mountain big sagebrush/ needle and thread grass	229			229					229			229		
ARTRV/STTH2 Mountain big sagebrush/ Thurbers needlegrass	3052			2353	699			300	2752				3052	
SUBTOTAL MOUNTAIN BIG SAGEBRUSH COMMUNITIES	17288	17%	5083	10857	1189	159		1973	7659	3590		5299	7392	531
CHNA/AGCR Gray rabbitbrush/ crested wheatgrass	1882		821	1061				N/A Introduced plant community						
CHNA/BRTE or BRIN2 Gray rabbitbrush/ cheatgrass or smooth brome	2919		2650	269				2708	211				2919	
CHNA/LETR5 Gray rabbitbrush/ great basin wildrye	301			301				256	40	5			45	256
CHNA/STOC2 or STCO4 Gray rabbitbrush/ western needlegrass or needle and thread	2046		1231	815				529	1517				1517	529
CHNA/STTH2 Gray rabbitbrush/ Thurbers needlegrass	999		999						999				999	
CHNA/TAENI2 Gray rabbitbrush/ medusahead	375		375					375						375
SUBTOTAL GRAY RABBITBRUSH COMMUNITIES	8522	9%	6076	2446				3868	2767	5			5480	1160
SUBTOTAL CHVI8/ GREEN RABBITBRUSH	372	1%	273	99					372				372	

Summary of ESI Data 700 Allotments														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Seral Stage Acres			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
SUBTOTAL LEOC/IVAX SPIKERUSH/	24	<1%	24									24		
JUOC/ARAR/AGCR Juniper/low sagebrush/ crested wheatgrass	235		235					N/A Introduced plant community 24						
JUOC/ARAR8/DAUN Juniper/ low sagebrush/ onespike oatgrass	2241		2241					2241				2241		
JUOC/ARAR8/FEID Juniper/ low sagebrush/ Idaho fescue	1103			450	653			225	878			1103		
JUOC/ARAR8/POSE4 Juniper/ low sagebrush/ Sandbergs bluegrass	955		289	666				262	394	299		354	601	
JUOC/ARAR8/PSSPS Juniper/ low sagebrush/ bluebunch wheatgrass	5325		1606	3719					5112	213		1606	3719	
JUOC/ARAR8/STTH2 or ELEL5 Juniper/ low sagebrush/ Thurbers needlegrass or squirreltail	595			454	141			94	501			47	548	
SUBTOTAL JUNIPER/ LOW SAGEBRUSH COMMUNITIES	10,454	10%	4371	5289	794			581	9126	512		5351	4868	
JUOC/ARTRT/BRTE Juniper/ basin big sagebrush/ cheatgrass	1377			1133	244			244	1133			1133	244	
JUOC/ARTRT/ELEL5 Juniper/ basin big sagebrush/ squirreltail	961			961				961					961	
JUOC/ARTRT/LETR5 Juniper/ basin big sagebrush/ basin wildrye	301			301				256	40	5			45	256
JUOC/ARTRT/PSSPS Juniper/ basin big sagebrush/ bluebunch wheatgrass	1159			1111	48			75	131	953	953	158	48	
JUOC/ARTRT/STTH2 Juniper/ basin big sagebrush/ Thurbers needlegrass	86			86					86				86	
SUBTOTAL JUNIPER/ BASIN BIG SAGEBRUSH COMMUNITIES	3884	4%		3592	292			1536	1390	958	953	1291	1384	256
JUOC/ARTRV/AGCR Juniper/ mountain big sagebrush/ crested wheatgrass	101				101			101					101	

Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Seral Stage Acres			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
JUOC/ARTRV/BRTE Juniper/ mountain big sagebrush/ cheatgrass	594			594				594					594	
JUOC/ARTRV/CARO5 Juniper/mountain big sagebrush/ Ross' sedge	213					213			213				213	
JUOC/ARTRV/ELEL5 Juniper/ mountain big sagebrush/ squirreltail	232			232				232				232		
JUOC/ARTRV/FEID Juniper/ mountain big sagebrush/	6285			4871	1414				6253	32	32	5613	640	
JUOC/ARTRV/POSE4 Juniper/ mountain big sagebrush/ Sandbergs bluegrass	289			139	150			289					289	
JUOC/ARTRV/PSSPS Juniper/ mountain big sagebrush/ bluebunch wheatgrass	4160			2571	1589				1657	2503	2171	1989		
JUOC/ARTRV/STOC2 or STOC4 Juniper/ mountain big sagebrush/ western needlegrass or needle and thread	1833			1833				383	1002	448	1164	286	383	
JUOC/ARTRV/STTH2 Juniper/ mountain big sagebrush/ Thurbers needlegrass	3801			3375	426			754	1652	1395		1138	2663	
SUBTOTAL JUNIPER/ MOUNTAIN BIG SAGEBRUSH	17508	18%		13615	3680	213		2353	10777	4378	3367	9258	4883	
JUOC/BRTE or JUOC/CHNA OR CHVI/BRTE Juniper/cheatgrass	799		97	507		195		799					368	431
JUOC/CELE3/FEID Juniper/mahogany/Idaho fescue	1833			252	1581				1682	151		1833		
JUOC/CHNA/AGCR Juniper/ gray rabbitbrush/ crested wheatgrass	450			450				N/A Introduced plant community						
JUOC/FEID or JUOC/CHNA/FEID Juniper/Idaho fescue	2454			2076	378				2454			1137	1317	
JUOC/MURI or DAUN	124			98	26			26	98			98	26	
JUOC/PSSPS Juniper/ bluebunch wheatgrass	364				364				364				364	

Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Seral Stage Acres			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
JUOC/PUTR Juniper/ bitterbrush	2105			1899	206			224	1881			2034	71	
JUOC/RICE/PSSPS Juniper/ current/ bluebunch wheatgrass	135				135					135		135		
SUBTOTAL JUNIPER/	8264	8%	97	5282	2690	195		1049	6479	286		5237	2146	431
SUBTOTAL PUTR2/ BITTERBRUSH	1856	2%			1856			209	15	1632	373	1423	60	
PIPO/ARTRV/FEID Ponderosa pine/ mountain big sagebrush/ Idaho fescue	882		882							882		882		
PIPO/CHVI8/STOC2 Ponderosa pine/ green rabbitbrush/ western needlegrass	396		396							396		396		
PIPO/FEID Ponderosa pine/ Idaho fescue	139			139					139			139		
PIPO/PUTR/FEID Ponderosa pine/ bitterbrush/ Idaho fescue	172			106	66				144	28	107	65		
SUBTOTAL PONDEROSA PINE/	1589	1%	1278	245	66				283	1306	107	1482		
SUBTOTAL SAVE/ GREASEWOOD/	819	1%		548	271			698	121			645	174	
UNKNOWN	11070	11%												
TOTALS	99730		18172	48651	21180	657	0	16776	50523	12909	5614	34227	37606	2761

Summary of ESI Data Allotment # 700														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARAR8/POSE4 Low sagebrush/ Sandbergs bluegrass	555	8%			555			555				555		
ARAR8/PSSPS Low sagebrush/ bluebunch wheatgrass	172	3%			172				172			172		
ARTRV/AGCR Mountain big sagebrush/ crested wheatgrass	763	11%		763				N/A Introduced plant community						
ARTRV/FEID Mountain big sagebrush/ Idaho fescue	124	2%		124						124		124		
ARTRV/STOC2 Mountain big sagebrush/ western needlegrass	156	2%		156					156				156	
ARTRV/STTH2 Mountain big sagebrush/ Thurbers needlegrass	399	6%			399				399				399	
CHNA/AGCR Gray rabbitbrush/ crested wheatgrass	75	1%		75				N/A Introduced plant community						
JUOC/ARAR8/POSE4 Juniper/ low sagebrush/ Sandbergs bluegrass	130	2%		130						130		130		
JUOC/ARTRV/PSSPS Juniper/mountain big sagebrush/ bluebunch wheatgrass	1065	16%			1065				1065			1065		
JUOC/ARTRV/STTH2 Juniper/ mountain big sagebrush/ thurbers needlegrass	426	6%			426			426					426	
PUTR Bitterbrush/ squirreltail or bluebunch wheatgrass	209	3%		209				209				209		
JUOC/ARAR8/PSSPS Juniper/ low sagebrush/ bluebunch wheatgrass	752	11%			752				752			752		
JUOC/ARAR8/FEID	118	2%			118			118				118		
UNKNOWN	1701	26%												
TOTALS	6645			1457	3487			1308	2544	254		3125	981	

Summary of ESI Data Allotment # 701														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARTRV/FEID Mountain big sagebrush/ Idaho fescue	620	42%		620						620		620		
ARTRV/STTH2 Mountain big sagebrush/ thurbers needlegrass	430	29%		430					430				430	
JUOC/ARTRV/PSSPS Juniper/ mountain big sagebrush/ bluebunch wheatgrass	248	17%			248				248			248		
JUOC/PUTR Juniper/ bitterbrush	92	6%		92				92					92	
JUOC/RICE/PSSPS Juniper/ currant/ bluebunch wheatgrass	70	6%			70					70		70		
TOTALS	1460			1142	318			92	678	690		938	522	

Summary of ESI Data Allotment # 702														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARAR8/FEID Low sagebrush/ Idaho fescue	115	2%		115					115				115	
ARTRT/ELEL5 Basin big sagebrush/ squirreltail	53	<1%		53					53				53	
ARTRV/AGCR Mountain big sagebrush/ crested wheatgrass	873	14%		873				N/A Introduced plant			N/A Introduced plant			
ARTRV/ELEL5 Mountain big sagebrush/ squirreltail	919	15%		919					919				919	
ARTRV/FEID Mountain big sagebrush/ Idaho fescue	405	6%		405						405			405	
ARTRV/STTH2 Mountain big sagebrush/ Thurbers needlegrass	1571	25%		1571				1316	255				1571	
CHNA2/STTH2 Grey rabbitbrush/ Thurbers needlegrass	937	15%		937					937				937	
JUOC/ARTRV/STTH2	683	11%		683					683				683	
JUOC/PUTR2	71	1%		71				24	47				71	
UNKNOWN	653	10%												
TOTALS	6280			5627				1316	3009	429			2774	1909

Summary of ESI Data Allotment # 703														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARTRV/FEID	274	24%		274					23	251		251	23	
CHNA2/STTH2	62	5%		62					62				62	
JUOC/ARTRV/STTH2	270	23%		270						270		270		
JUOC/CHNA/FEID	262	23%			262				262			262		
JUOC/RICE/PSSPS	65	6%			65					65		65		
PIPO/FEID	28	2%		28					28			28		
PIPO/PUTR/FEID	38	3%			38					38	38			
UNKNOW	156	14%												
TOTALS	1155			634	365				375	624	38	876	85	

Summary of ESI Data Allotment # 705														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARCA13	549	2%	362	97		90		187	362				459	90
ARTRT/AGCR	788	3%			788			428	360				788	
ARTRT/BRTE	1217	4%		1217				1217					1217	
ARTRT/ELEL5	438	2%		438				438					438	
ARTRV/FEID	475	2%	445	30					199	276		475		
ARTRV/STCO4	229	1%		229					229			229		
ARTRV/STOC2	2920	10%	1030	1890				835	2085			1030	1890	
CHNA2/AGCR	480	2%		480				N/A introduced plant community			N/A introduced plant community			
CHNA2/BRTE OR BRIN2	850	3%		639	211			639	211				850	
CHNA2/STOC2	1786	6%	1079	707				529	1257			1257	529	
CHVI8	372	1%	273	99					372				372	
JUOC/BRTE	292	1%	97			195		292					97	195
JUOC/FEID	2076	7%		2076					2076			759	1317	
JUOC/PSSPS	364	1%			364				364				364	

Vegetation Community	Total Acres	% of total acres	Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
JUOC/ARAR8/STTH2	501	2%		454	47				501			47	454	
JUOC/ARTRV/ELEL5	232	1%		232				232				232		
JUOC/ARTRV/FEID	5563	20%		4839	724				5563			5563		
JUOC/ARTRV/PSSPS	1689	6%		1689						1689	1502	187		
JUOC/ARTRV/STOC4	1450	5%		1450					1002	448	1164	286		
PIPO/ARTRVSTTH2	1986	7%		1986				328	787	871		118	1868	
PIPO/ARTRV/FEID	882	3%	882							882		882		
PIPO/CHV18/STOC2	396	1%	396							396		396		
PUTR2/FEID	373	1%		373						373	373			
PUTR2/STTH2	1259	4%		1259						1259		1199	60	
UNKNOWN	1336	4%												
TOTALS	28503		4564	20184	2134	285		5125	15368	6194	3039	11901	10174	1044

Summary of ESI Data Allotment # 707

Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARTRT/AGCR	93	1%		93				N/A Introduced Plant community			N/A Introduced Plant community			
ARTRV/BRTE	454	5%		337	117			280	174				454	
ARTRV/FEID	815	9%		815						815		815		
ARTRV/PSSPS	589	6%		589						589		589		
CHNA2/AGCR	1327	14%	821	506				N/A Introduced Plant Community			N/A Introduced Plant Community			
CHNA2/BRTE	1611	17%		1553	58			1611					1611	
CHNA2/STOC4	260	3%	152	108					260			260		
JUOC/ARTRT/BRTE	1032	11%		1032					1032			1032		
JUOC/ARTRV/PSSPS	1036	11%		1036					83	953	953	83		
JUOC/CHNA2/BRTE	105	1%		105				105					105	
SAVE/BRTE OR SAVE/DISP	273	3%		71	202			202	71			273		

Vegetation Community	Total Acres	% of total acres	Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
JUOC/CHVI/BRTE	131	1%		131				131						131
JUOC/ARTRT/STTH2	86	1%		86					86				86	
JUOC/CHNA/AGCR	450	5%		450					450				450	
JUOC/ARTRV/FEID	32	1%		32						32	32			
UNKNOWN	1036	11%												
TOTALS	9330		973	6944	377			2329	2156	2389	985	3052	2706	131

Summary of ESI Data Allotment # 708														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARTRT/BRTE	1093	40%		1093					1093					1093
CHNA2/BRTE	312	11%		312					312					312
JUOC/ARTRT/BRTE	322	12%		78	244				244	78			78	244
JUOC/ARTRT/ELEL5	357	13%		357					357					357
JUOC/ARTRT/PSSPS	123	5%		75	48				75	48			75	48
UNKNOWN	513	19%												
TOTALS	2720	100%		1915	292				2081	126			153	2054

Summary of ESI Data Allotment # 710														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARAR8/AGCR	227	5%		227				N/A Introduced plant community						
ARAR8/POSE4	628	14%		23	605			262	367			27	601	
ARTRV/AGCR	1648	37%		495	1153			n/a Introduced Plant Community			n/a Introduced Plant Community			
ARTRV/BRTE	196	4%		196				33	163				33	163
ARTRV/ELEL5	42	1%			42			42					42	
ARTRV/POSE4	75	2%		75					75				75	
ARTRV/STTH2	184	4%			184			184				35	105	
JUOC/ARAR8/AGCR	235	5%		235					235			235		
JUOC/ARAR8/POSE4	79	2%			79				79				79	
JUOC/ARAR8/PSSPS	22	<1%			22					22		22		
JUOC/ARTRV/AGCR	101	2%			101			101					101	
JUOC/ARTRV/CAR05	42	1%				42			42			42		
JUOC/ATR/FEID	56	1%			56				56				56	

Vegetation Community	Total Acres	% of total acres	Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
JUOC/ARTRV/POSE4	150	3%			150			150					150	
JUOC/ARTRV/PSSPS	29	<1%			29				29			29		
JUOC/CELE3/FEID	151	3%		151						151		151		
JUOC/PUTR2/PSSPS	68	21%			68				68			68		
PIPO/PUTR/FEID	37	1%		37					37			37		
UNKNOWN	498	11%												
TOTALS	4468		68	1734	2899	42		866	1694	400		768	1851	364

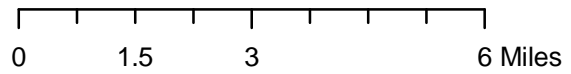
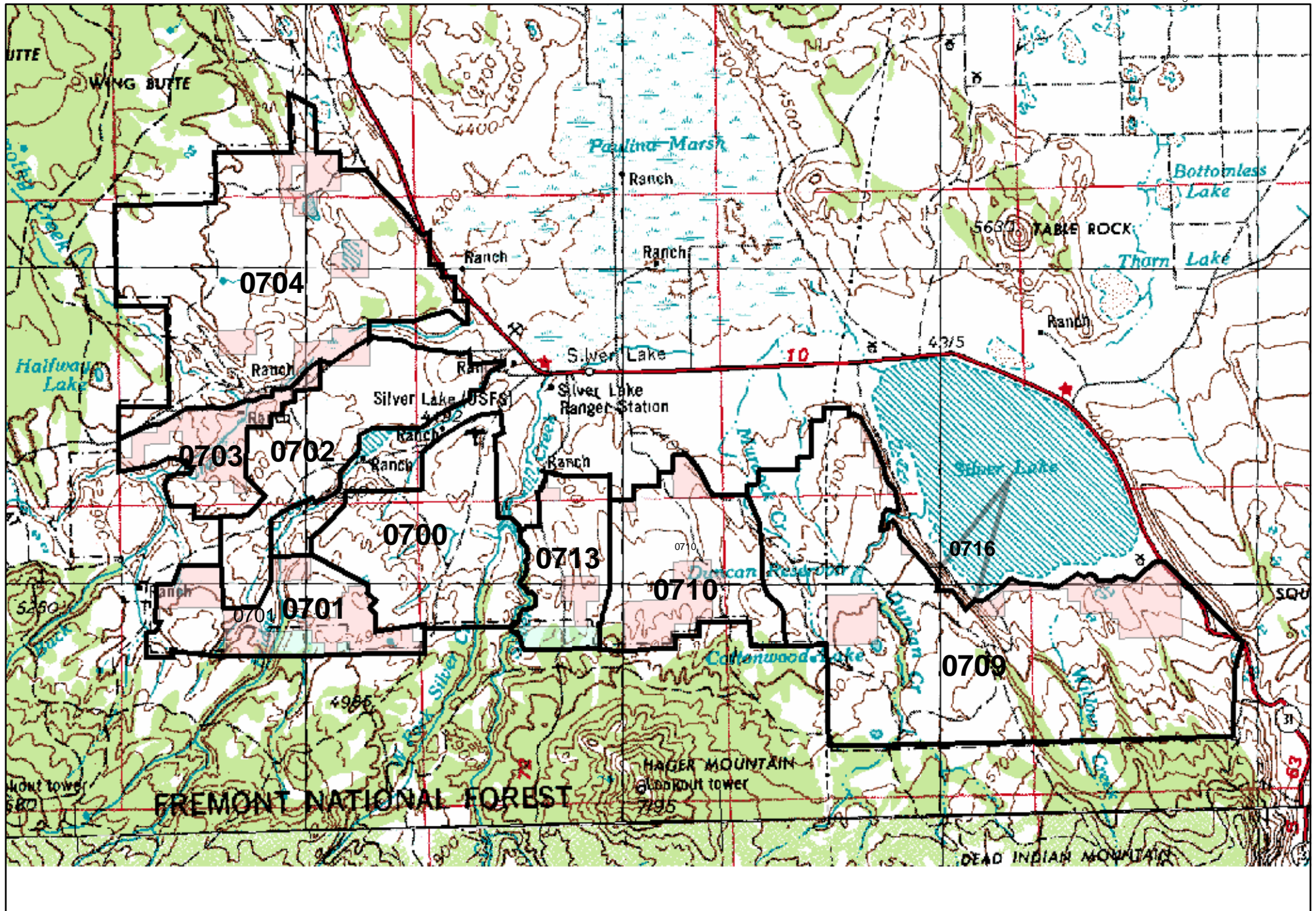
Summary of ESI Data Allotment # 711														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARTRV/FEID	500	34%		500						500		500		
CHNA/BRTE	146	10%		146				146					146	
JUOC/ARTRV/BRTE	69	5%		69				69					69	
JUOC/ARTRV/PSSPS	562	38%		562						562	562			
UNKNOWN	213	14%												
TOTALS	1490			1277				215		1062	562	500	215	

Summary of ESI Data Allotment # 713

Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARAR8/FEID/PHHO	55	2%			55				55			55		
ARAR8/POSE4	28	<1%			28				28			28		
ARAR8/AGCR	103	4%		68	35			N/A Introduced plant community						
ARTRV/AGCR	517	19%		482	35			N/A Introduced plant community						
ARTRV/BRTE	167	6%		167					167					167
ARTRV/ELEL5	101	4%			101			101					101	
ARTRV/PSSPS	218	8%			218			218					218	
JUOC/ARAR8/POSE4	231	8%		130	101			101	130				231	
JUOC/ARTRV/FEID	50	2%			50				50			50		
JUOC/ARTRVPOSE4	139	5%		139				139					139	
JUOC/ARTRV/STTH2	182	7%		182					182				182	
PIPO/ARTRV/POSE4	218	8%			218				218				218	
JUOC/ARTRV/PSSPS	7	<1%			7				7				7	
PUTR2/PSSPS	15	<1%		15					15			15		
UNKNOWN	754	27%												
TOTALS	2785			1183	848			559	852			148	1096	167

Summary of ESI Data Allotment # 714														
Vegetation Community	Total Acres	% of total acres	SSF Acres					OAT Acres			Acres of Vegetative Community in Seral Stage			
			Stable	Slight	Moderate	Critical	Severe	Down	Static	Up	PNC	Late	Mid	Early
ARTRT/BRTE	746	18%		746				746					746	
ARTRT/ELEL5	142	4%			142			142					142	
ARTRT/LETR5	45	1%		45					45				45	
ARTRT/PSSPS	123	3%			123				123			123		
CHNA/LETR5/	301	7%		301				256	40	5			45	256
JUOC/ARTRT/ELEL5	604	15%		604				604					604	
JUOC/ARTRT/PSSPS	749	18%		597	152				152	597		597	152	
SAVE/	546	13%		477	69			496	50			372	174	
UNKNOWN	854	21%												
TOTALS	4110	100%		2770	486			2244	410	602		1092	1908	256

Silver Lake Rangeland Health Assessment Area South Half





Silver Lake Rangeland Health Assessment Area- North Half

