

End of Season Monitoring Report 2025

Fishlake National Forest

Richfield Ranger District

Lost Creek Allotment

Prepared by: Chantel Anderson, Rangeland Management Specialist

Date: 2/24/2026

Utilization Protocol

Sampling end of season utilization was collected through the ArcGIS-Survey123 application. Additionally, photo points were collected as part of the end of season monitoring effort at each site. All employees were trained on the protocol prior to data being collected to reduce observer error and increase the precision of measurements.

Monitoring Methodology

Monitoring followed the Key Species Method protocol outlined in the following reference: Utilization Studies and Residual Measurements Interagency Technical Reference 1999.

Key Species Method

Utilization levels are based on an ocular estimate of the amount of forage removed by weight on individual key species and observations are recorded in one of seven utilization classes. This method was used in the Lost Creek Allotment to estimate the browse and herbaceous utilization.

Table 1: Lost Creek Allotment Utilization Averages

Site	Utilization Average (%)	Exceeded Standards (Y or N)	80% confidence Interval
Mt Terrill 44-04	45.8	N	3.2
Humphreys Spring 44-10	45.6	N	3.1
Broadhead lakes 44—20B	56.9	N	2.1
Cold Springs 43-07	41.8	N	2.2
Spring Unit 32-04	40.5	N	3.0

Rose Meadow 43-03	45.9	N	2.6
Rose Meadow 43-02	35.7	N	2.1
Rose Meadow 43-06	50.1	N	1.7
Spring Unit 32-13	60.1	Y	1.9
Spring Unit 32-01	54.3	N	1.9

*Standards were met in all pastures on the allotment with the exception of one site on the Spring Unit Pasture hit the maximum allowable use.

Riparian Monitoring

Stubble Height Protocol

Sampling end of season stubble height data was collected through the ArcGIS-Survey123 application. 36 measurements per site were taken using the line step protocol. Additionally, photo points were collected as part of the end of season monitoring effort at each site. All employees were trained on the protocol prior to data being collected to reduce observer error and increase the precision of measurements.

Table 2: Lost creek Stubble Height Average

Site	Stubble Height	Exceeded Standards (Y or N)	80% confidence Interval
Cold Springs	4.1	N	2.5

*Stubble height standards were met.

Livestock Management

Table 3: Lost Creek Allotment Grazing Schedule - Season 6/12- 10/11

Pasture	Tentative Dates	Number of Livestock
Spring Unit	4 weeks	1450 c/c
Rose Meadows	2-3 weeks	1450 c/c
Cold Springs	2 weeks	1450 c/c

Mt. Terrill/Humphry Springs	4-5 weeks	1450 c/c
Broadhead Lakes	1-2 weeks	1450 c/c
Boobe Hole	1-2 weeks	1450 c/c
Sweetwater Horse Pasture	6/12-10/11	5 Horses



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

COLD SPRINGS PASTURE

Site or Key Area Name: Cold springs

Predominant Landform: RIPARIAN

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: September 18, 2025 to October 2, 2025

Estimated Use Days: 15

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 481.8

Yearlings: 473 AUM:163.3

Total AUM: 645

Type of Monitoring: Residual Measurements

Monitoring Method: **Stubble Height**

Plant Species: **All Species Counted Together**

Average Stubble Height (All Species): 4.1

Minimum Stubble Height Guideline: 4

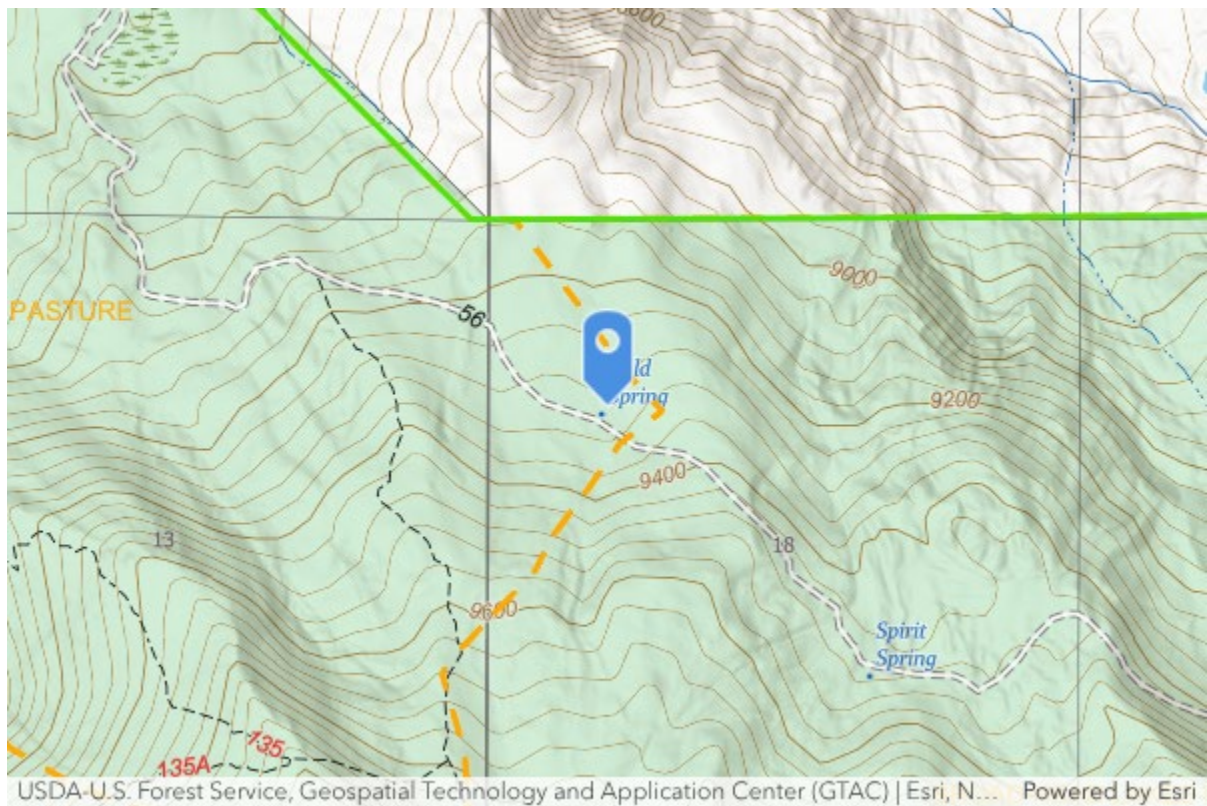
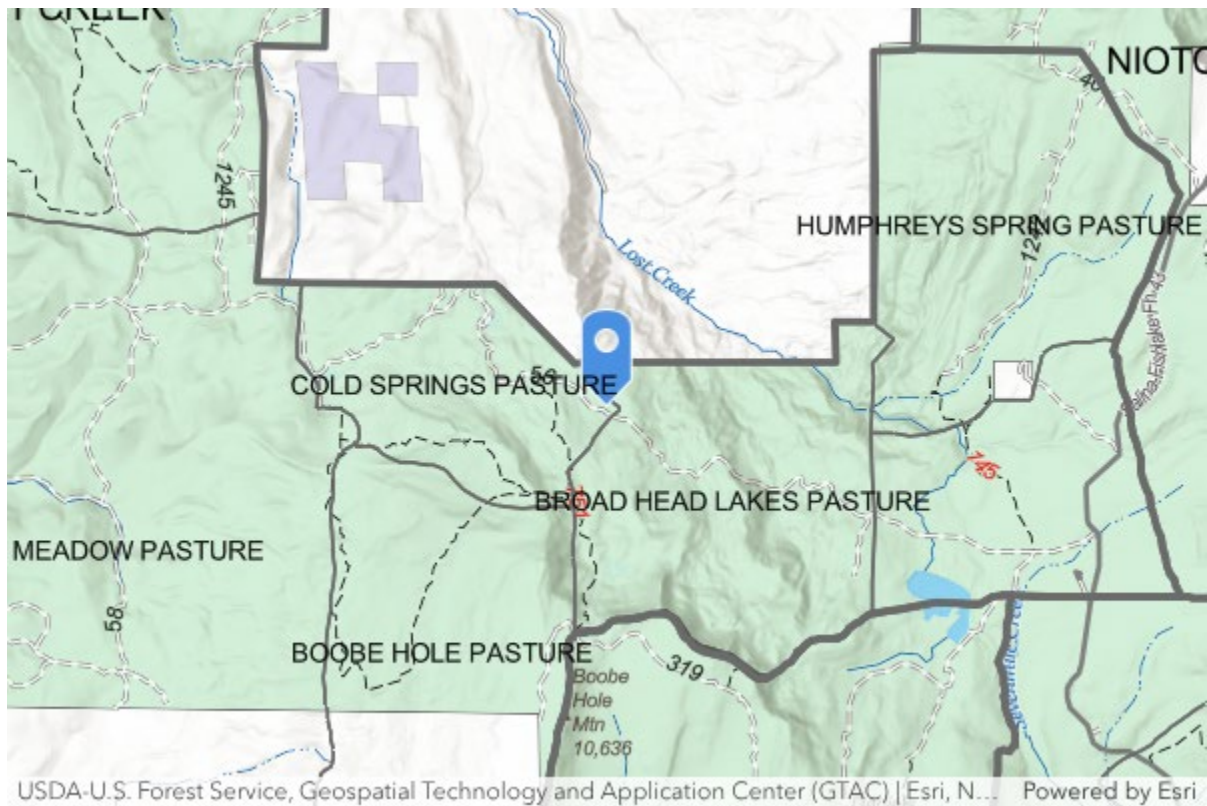
Within Guidelines?Yes



General view looking down stream



Closeup view of vegetation



12S 435779E 4286509N 38.72490738203674, -111.73878861837862

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

BROAD HEAD LAKES PASTURE - 005

Site or Key Area Name: Trend plot 44-20B

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: September 18, 2025 to October 2, 2025

Estimated Use Days: 15

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 481.8

Yearlings: 473 AUM:163.3

Total AUM: 645

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 56.9

Max Allowable Use: 60

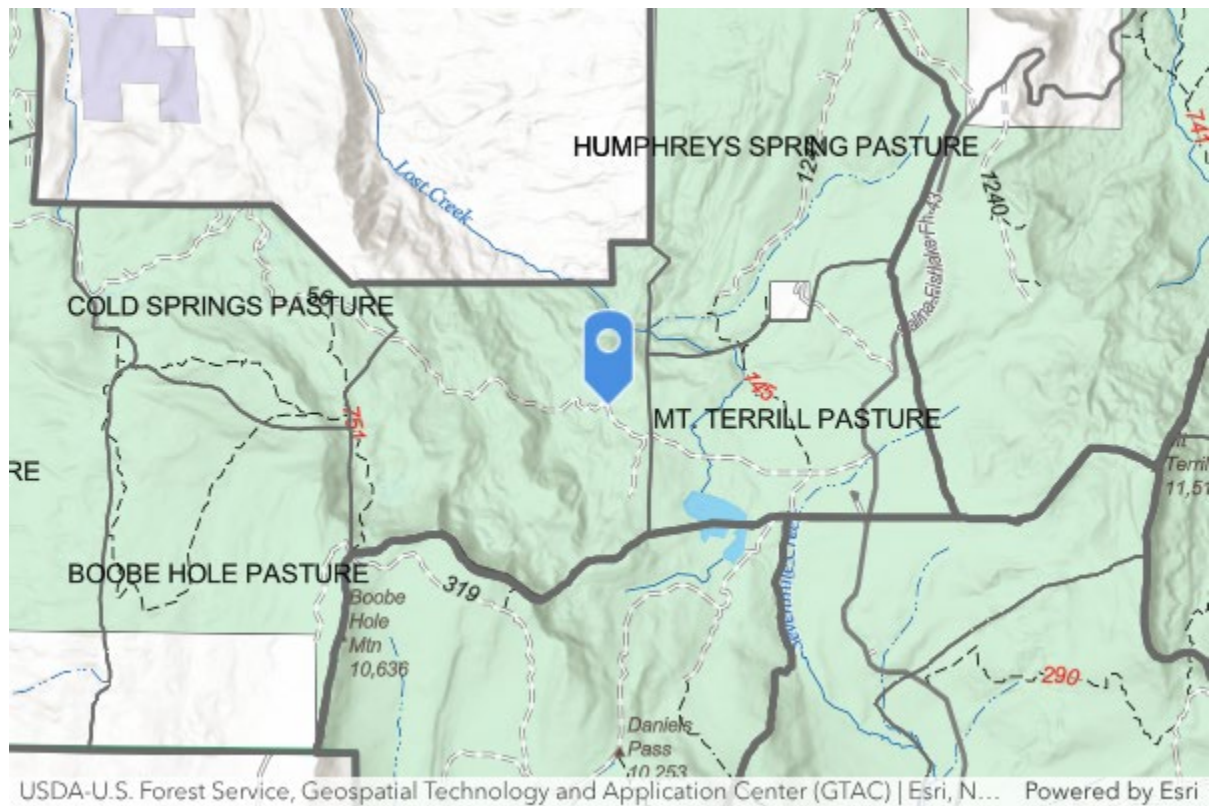
Within Guidelines?Yes



Closeup of vegetation



General view looking south



12S 438101E 4285677N 38.717579145735925, -111.71200222628659

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

COLD SPRINGS PASTURE - 003

Site or Key Area Name: Trend plot 43-07

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: July 31, 2025 to August 16, 2025

Estimated Use Days: 17

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 546

Yearlings: 473 AUM:185.1

Total AUM: 731

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 41.8

Max Allowable Use: 60

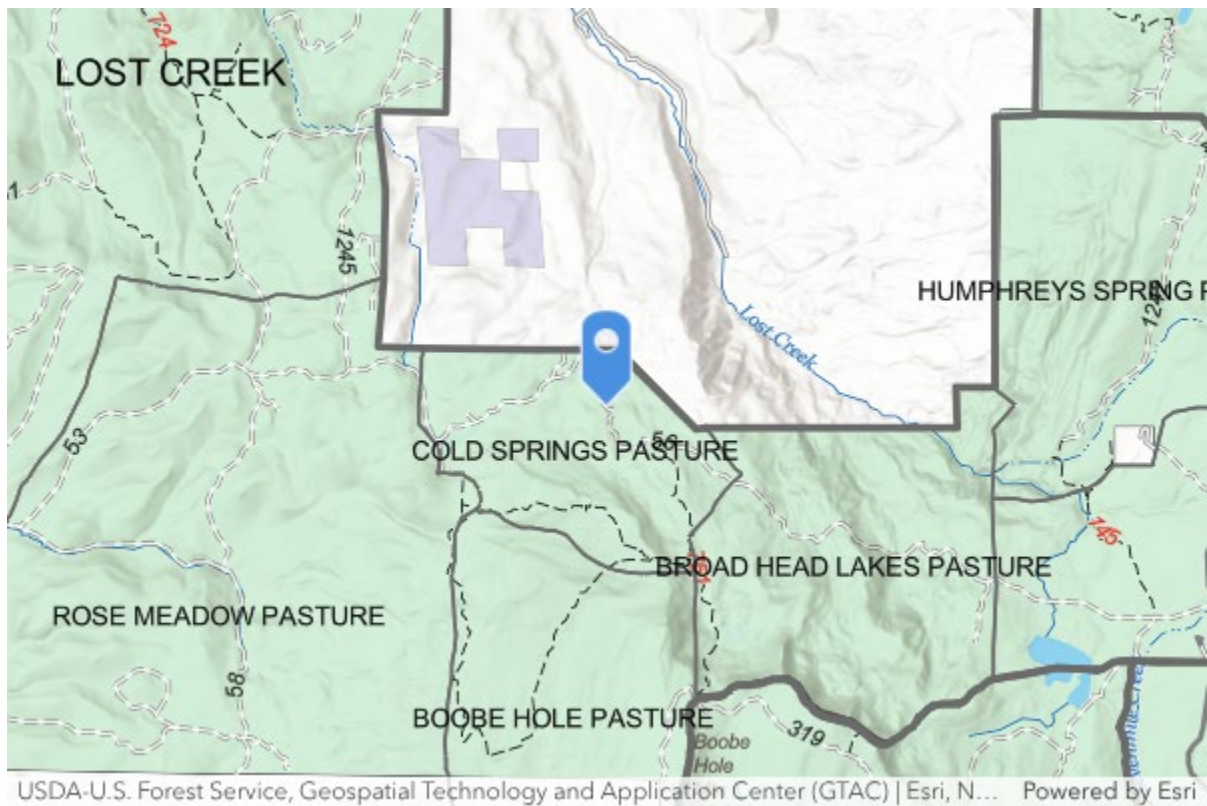
Within Guidelines?Yes



General view looking west



Closeup of vegetation



12S 434532E 4287191N38.73096915020068, -111.75319737601222

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

HUMPHREYS SPRING PASTURE - 006

Site or Key Area Name: Trend plot 44-10

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: August 17, 2025 to September 17, 2025

Estimated Use Days: 32

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 1,027.9

Yearlings: 473 AUM:348.3

Total AUM: 1,376

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 45.6

Max Allowable Use: 60

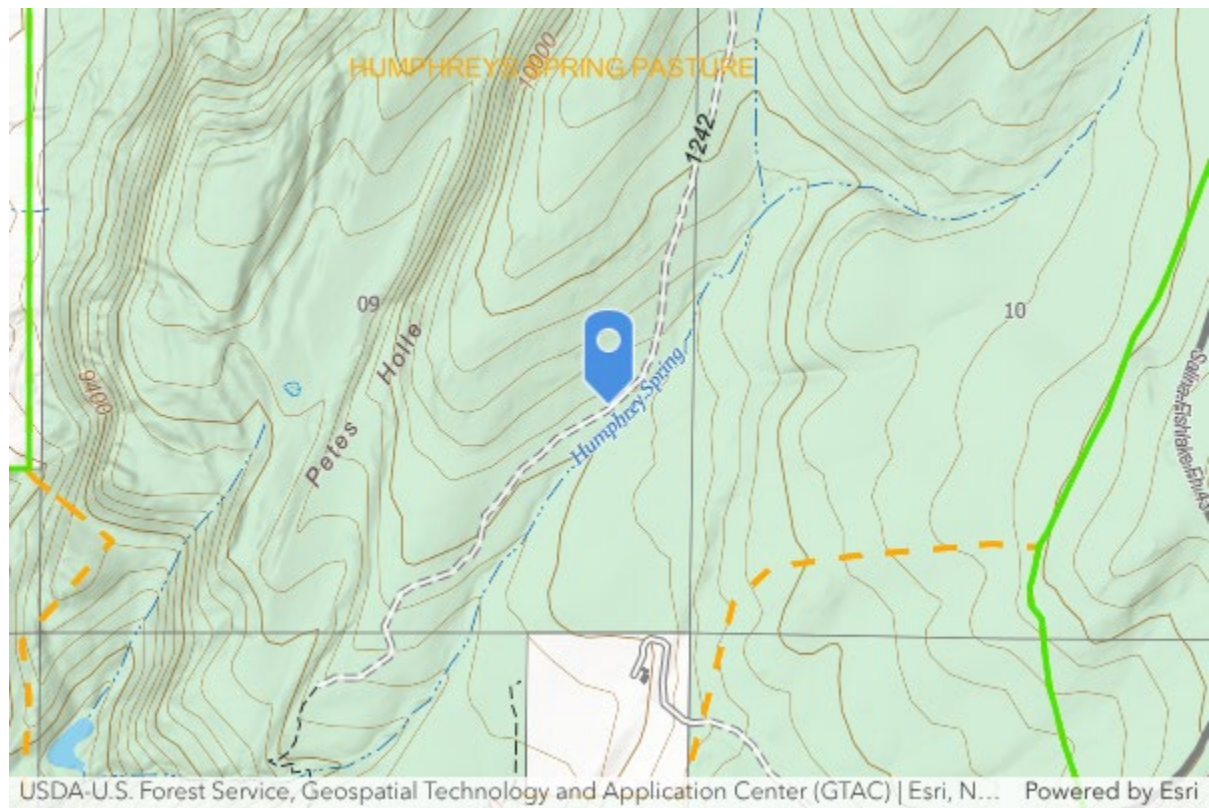
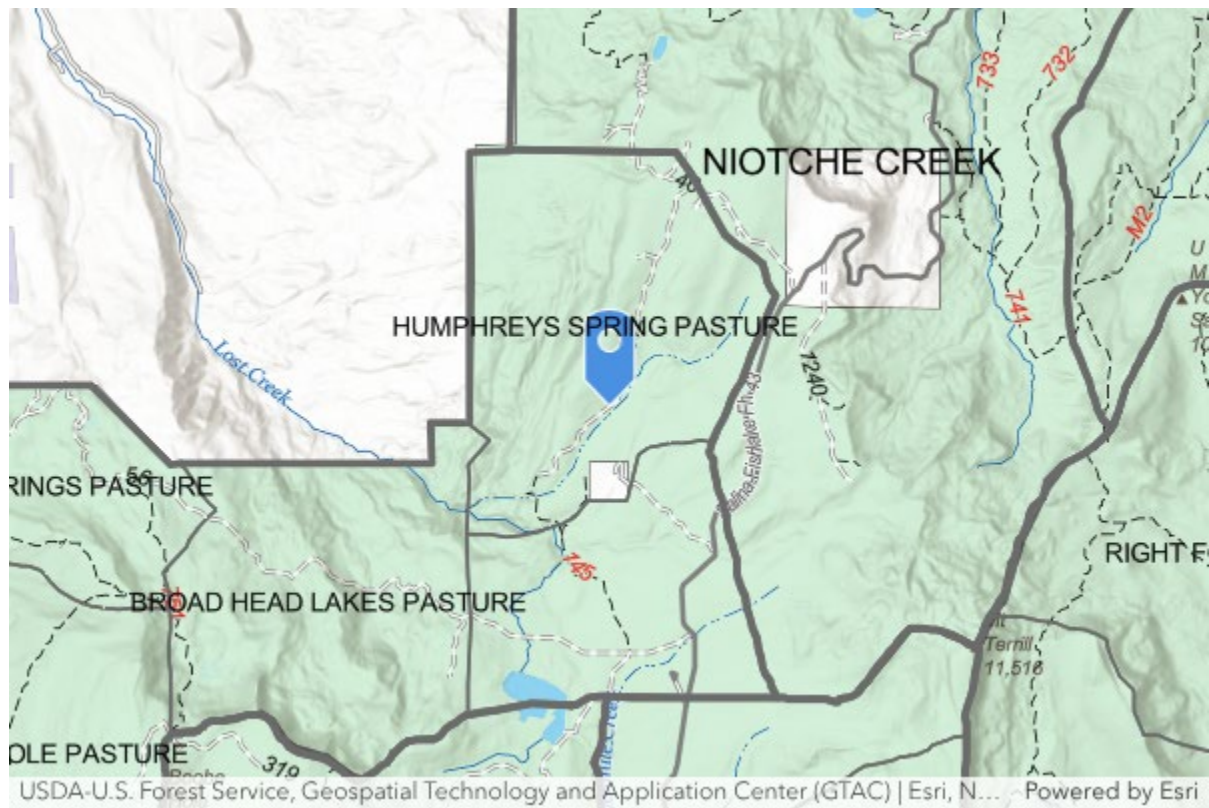
Within Guidelines?Yes



General view looking north



Closeup of vegetation



12S 439983E 4287514N 38.73426369510136, -111.69051568102334

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

MT. TERRILL PASTURE - 007

Site or Key Area Name: Trend plot 44-04

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: August 17, 2025 to September 17, 2025

Estimated Use Days: 32

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 1,027.9

Yearlings: 473 AUM:348.3

Total AUM: 1,376

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 45.8

Max Allowable Use: 60

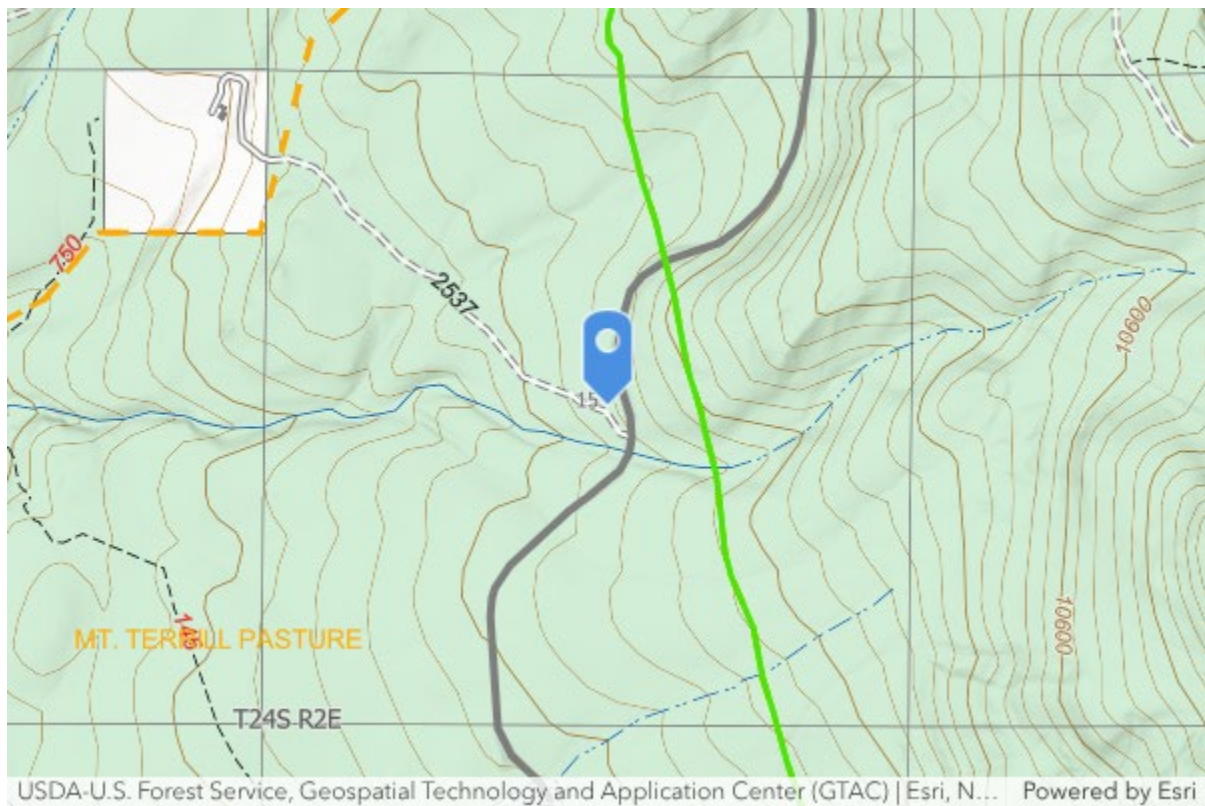
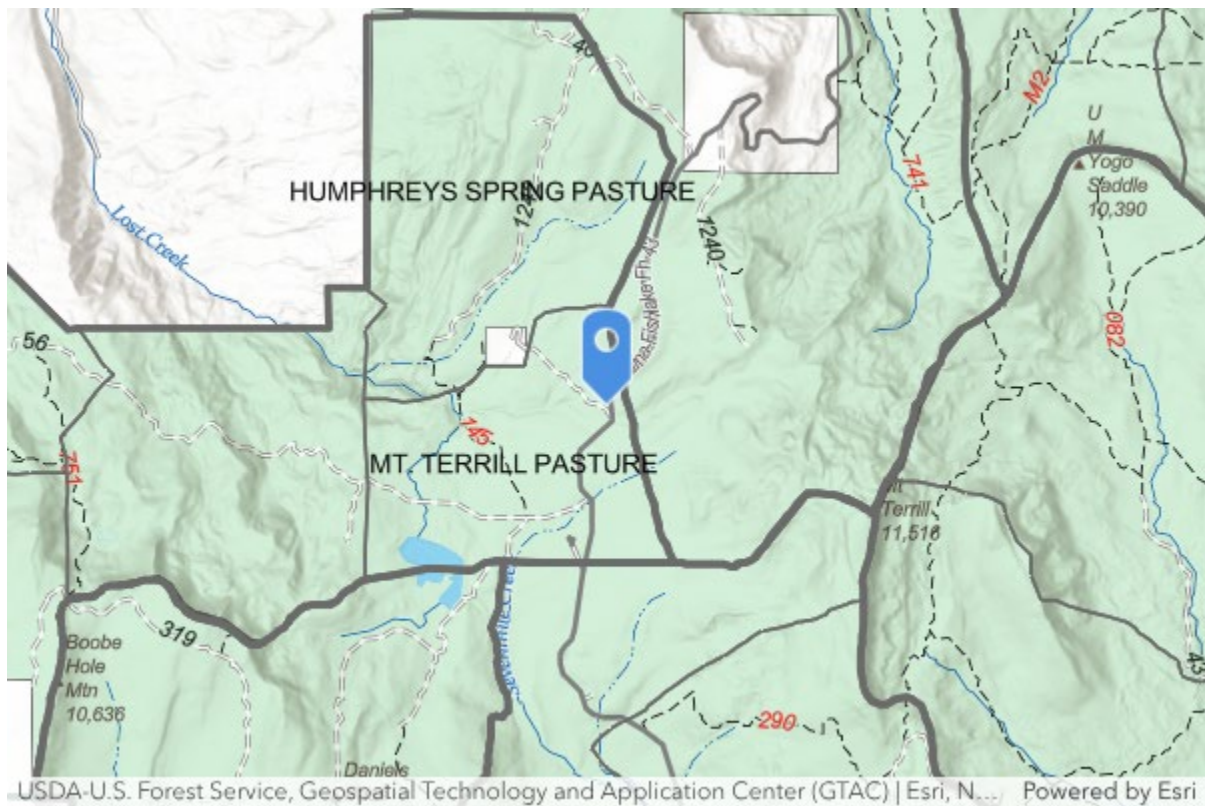
Within Guidelines?Yes



General view looking north



Closeup of vegetation



12S 441014E 4286118N 38.72175450575885, -111.67853557955132

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

ROSE MEADOW PASTURE - 002

Site or Key Area Name: Trend plot 43-02

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: July 11, 2025 to July 30, 2025

Estimated Use Days: 20

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 Yearlings: 473 AUM: 217.7

Total AUM: 218

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Plant Species 2: **PUTR2**

Species 1 Percent Utilization: 35.7

Max Allowable Use: 60

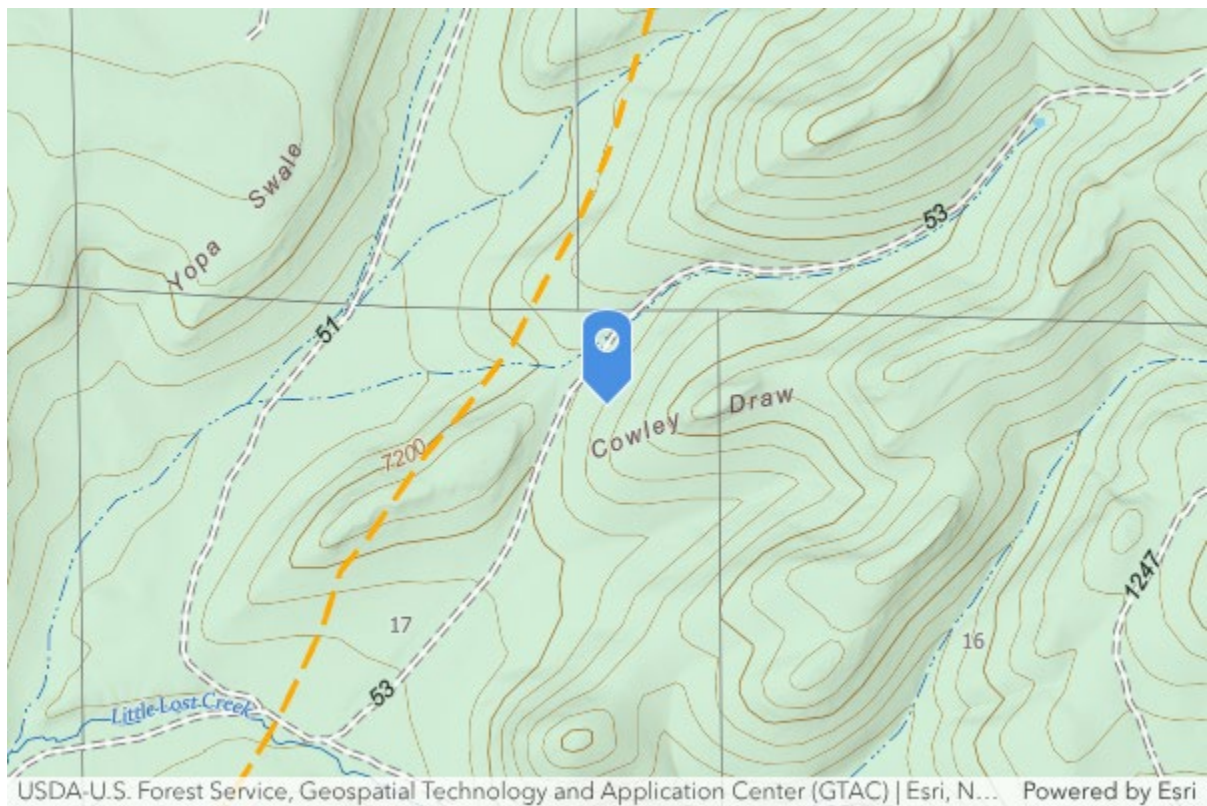
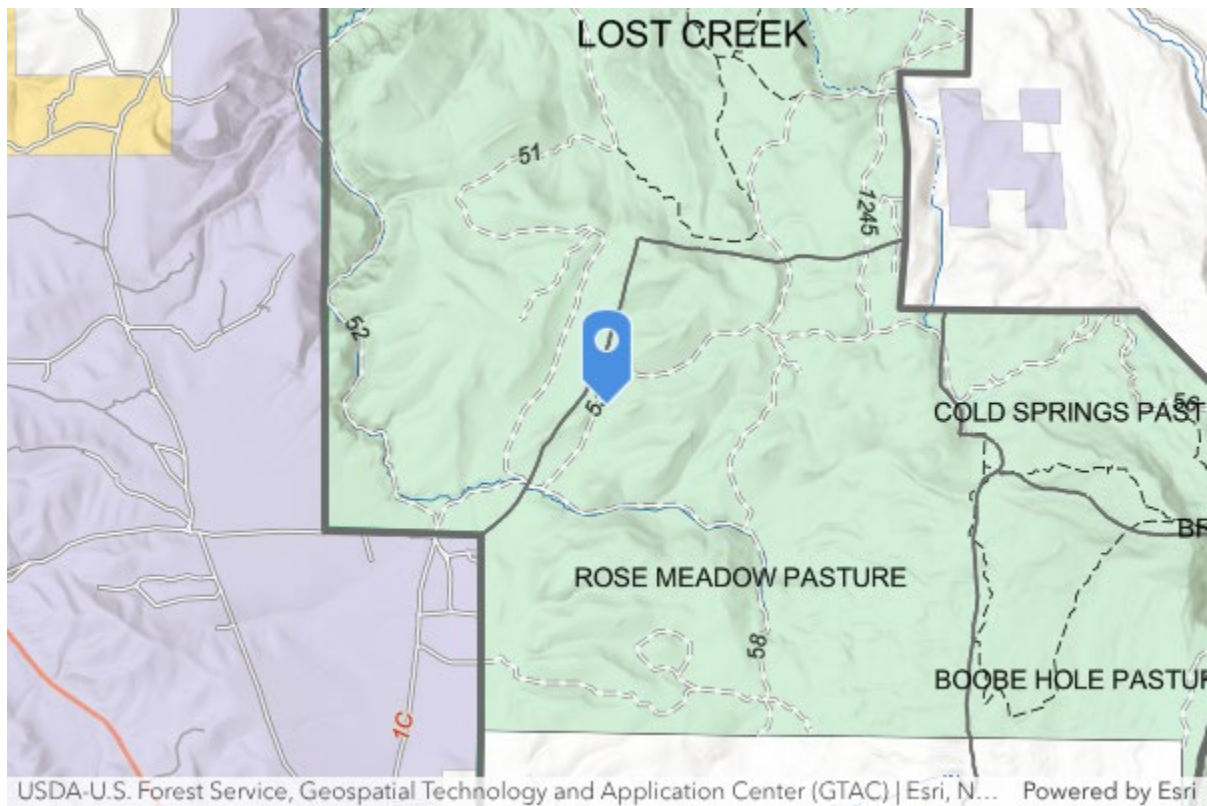
Within Guidelines? Yes



Closeup of vegetation



General view looking south



12S 429139E 4286841N 38.727400218888256, -111.81520387210254

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

ROSE MEADOW PASTURE - 002

Site or Key Area Name: Trend plot 43-06

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: July 11, 2025 to July 30, 2025

Estimated Use Days: 20

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 642.4

Yearlings: 473 AUM:217.7

Total AUM: 860

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 49.7

Max Allowable Use: 60

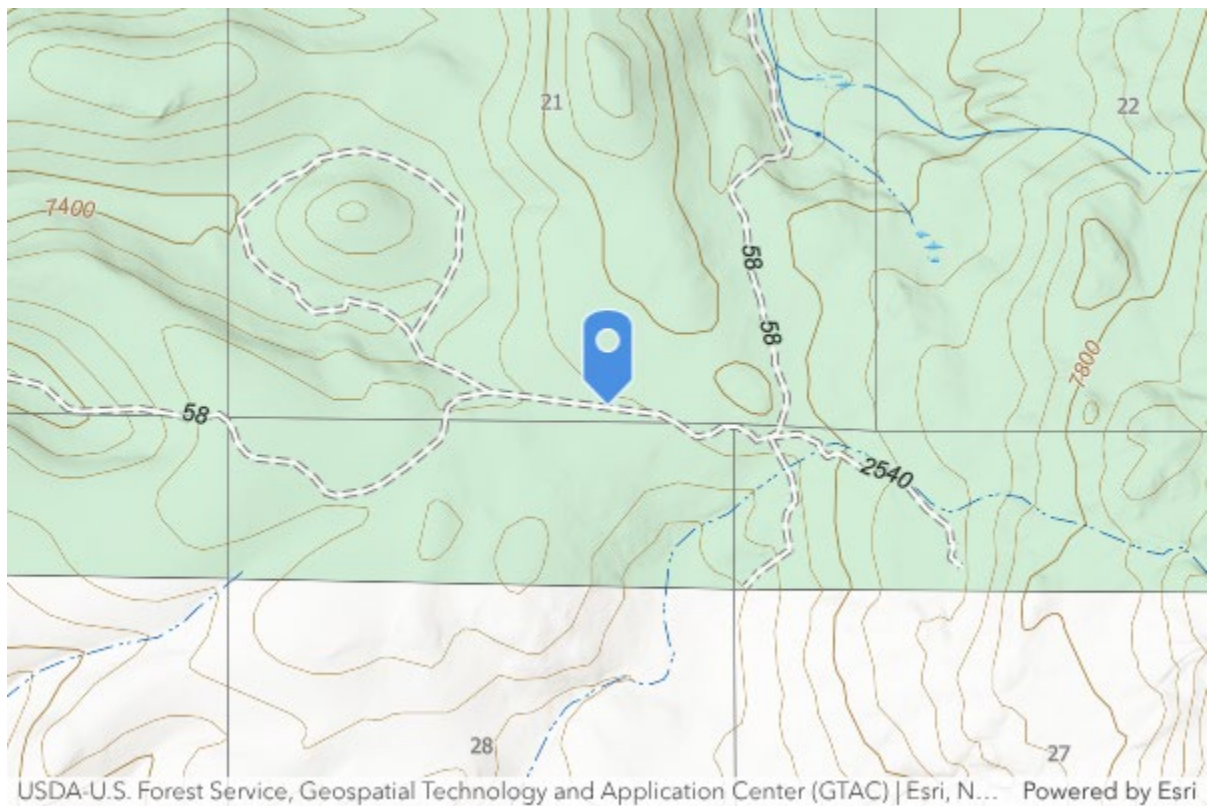
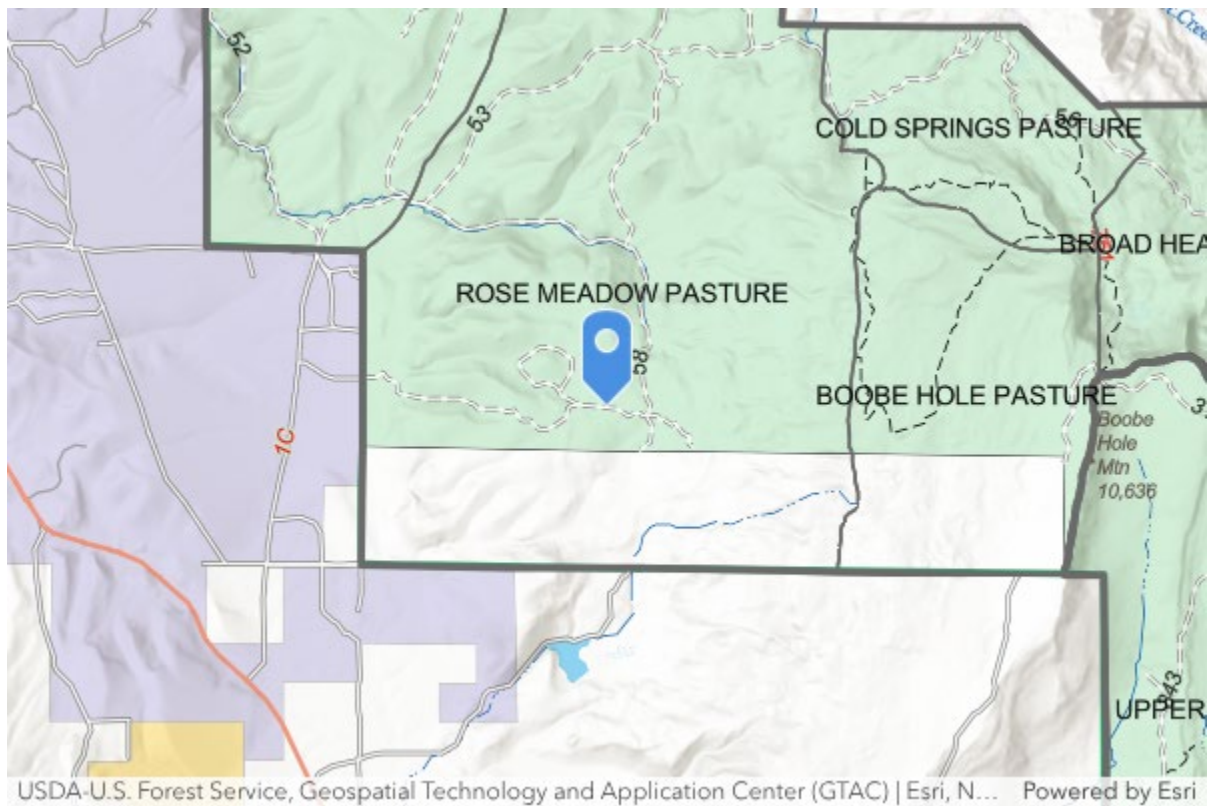
Within Guidelines?Yes



Closeup of vegetation



General view Looking east



12S 430336E 4283911N38.701084801593176, -111.80114351592205

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

SPRING UNIT PASTURE - 001

Site or Key Area Name: Trend plot 32-01

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: June 12, 2025 to July 10, 2025

Estimated Use Days: 29

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 931.5

Yearlings: 478 AUM: 319

Total AUM: 1,251

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 54.3

Max Allowable Use: 60

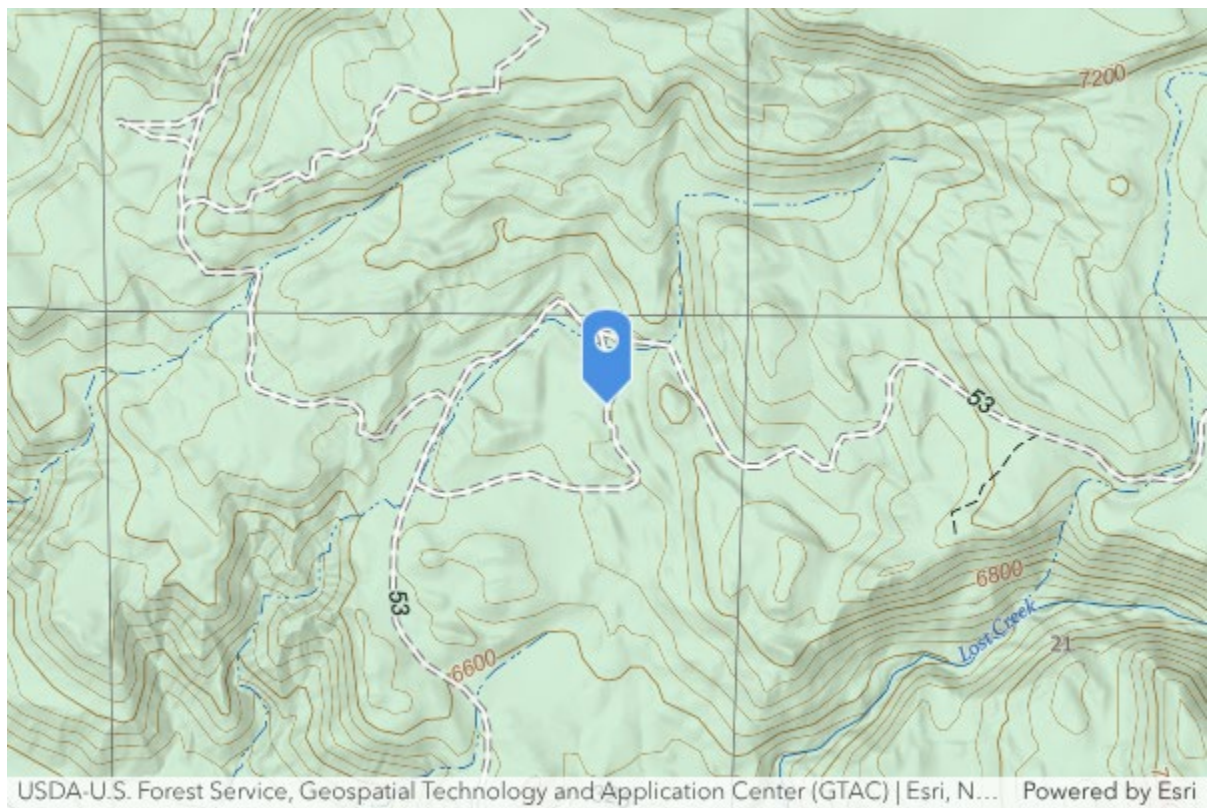
Within Guidelines? Yes



General view looking southwest



Closeup of vegetation



12S 429032E 4294763N38.79876747949063, -111.81724778215514

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

SPRING UNIT PASTURE - 001

Site or Key Area Name: Trend plot 32-04

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: June 12, 2025 to July 10, 2025

Estimated Use Days: 29

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 931.5

Yearlings: 473 AUM: 315.7

Total AUM: 1,247

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 40.5

Max Allowable Use: 60

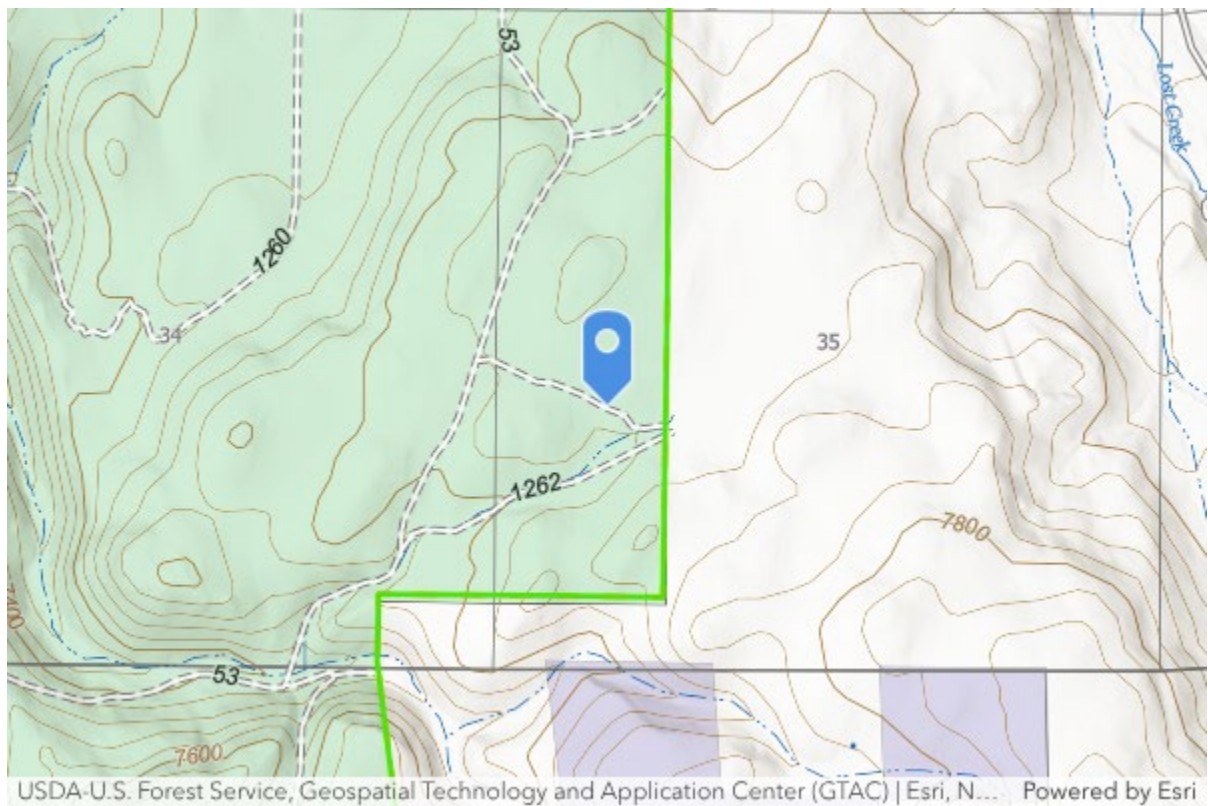
Within Guidelines? Yes



Closeup of vegetation



General view looking north



12S 432760E 4290719N 38.76262725005326, -111.77392515802721

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

SPRING UNIT PASTURE - 001 Little Lost Creek drainage

Site or Key Area Name: Trend plot 32-13

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: June 12, 2025 to July 10, 2025

Estimated Use Days: 29

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 931.5

Yearlings: 473 AUM: 315.7

Total AUM: 1,247

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 60.1

Max Allowable Use: 60

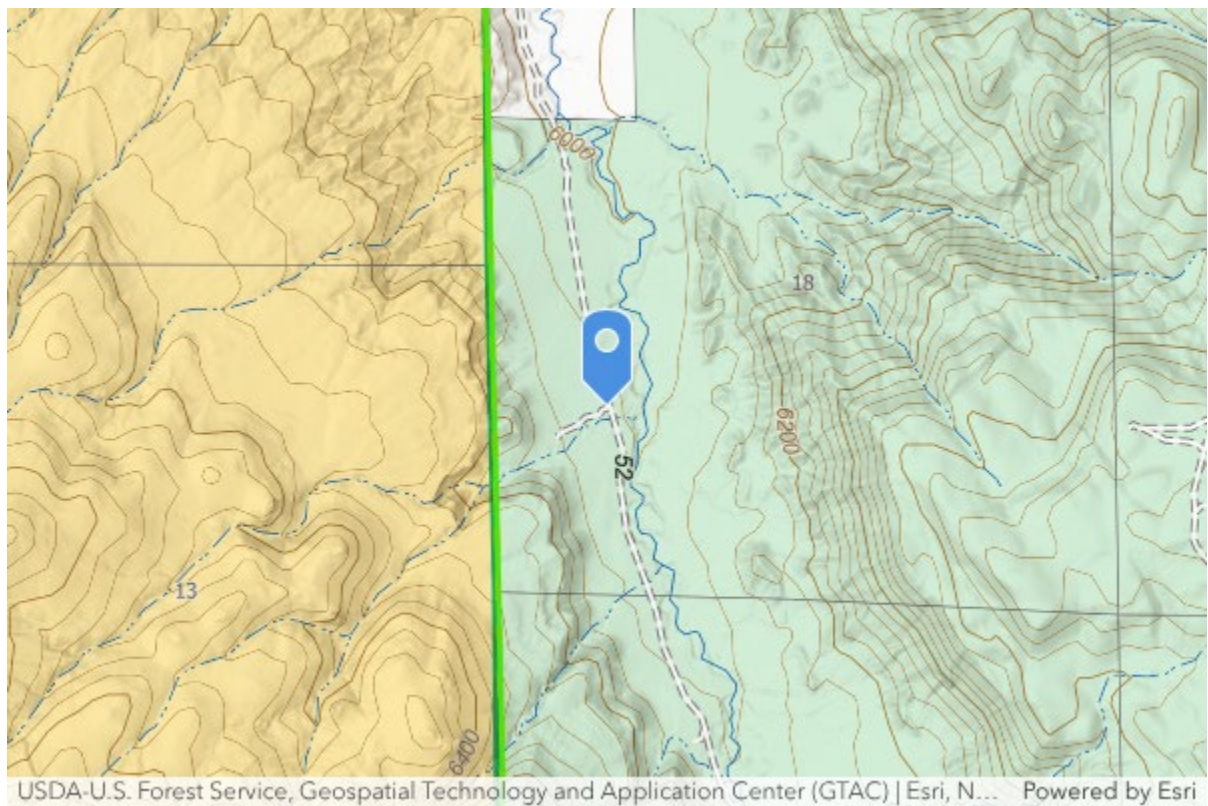
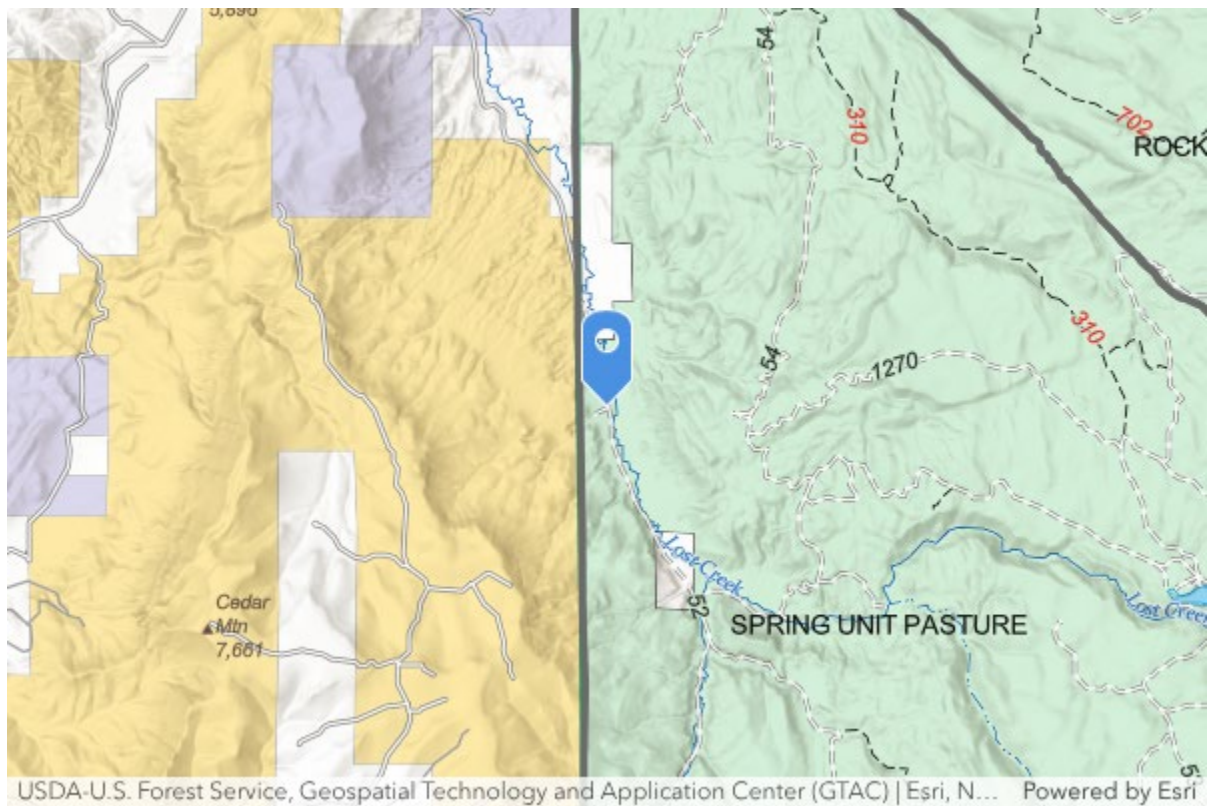
Within Guidelines? No. Just outside of them.



Closeup of vegetation



General view looking north



12S 426530E 4295533N 38.805501490048144, -111.84613937608762



Range Monitoring Report

Fishlake | Richfield

LOST CREEK - 04005

Monitoring Date: November 5, 2025

Employees Present:

Oyler

Drought Indicator: No

ROSE MEADOW PASTURE

Site or Key Area Name: Trend plot 43-03

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 5, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: June 12, 2025 to July 10, 2025

Estimated Use Days: 29

Kind and/or Class of Animals: Cow Calf, Yearling

Cow Calf Pairs: 977 AUM: 931.5

Yearlings: 473 AUM: 315.7

Total AUM: 1,247

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 45.9

Max Allowable Use: 60

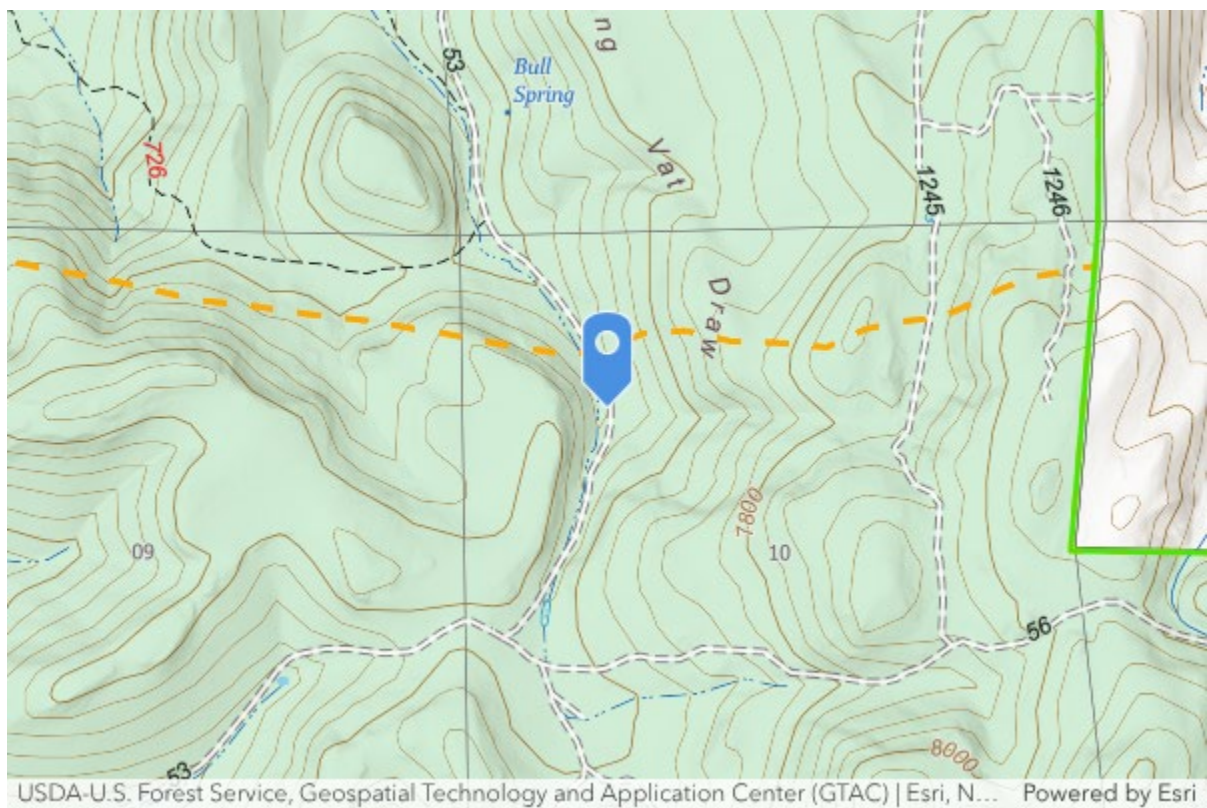
Within Guidelines? Yes



General view looking south



Closeup of vegetation



12S 431027E 4288197N 38.73976068423461, -111.79362584093376

Is the Standard Met? Yes

Is follow-up needed for compliance? No