

End of Season Monitoring Report 2025

Fishlake National Forest

Richfield Ranger District

Willow Creek Allotment

Prepared by: Chantel Anderson, Rangeland Management Specialist

Date: 2/23/2026

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 Willow Creek Allotment to estimate the browse and herbaceous utilization.

Table 1: Willow Creek Allotment Utilization Averages

Site	Utilization Average (%)	Exceeded Standards (Y or N)	80% Confidence Interval
Jacks Flat 23-14	53.8	N	2.1
Jacks Flat 23-28	59.1	N	1.5
Ranger 17-02	48	N	1.6
Cove 17-05	45.8	N	2.0
Jacks Flat	46.5	N	1.8

*Standards were met in all pastures on the allotment.

Livestock Management

Table 2: Willow Creek Allotment Grazing Schedule – Season 6/16-9/30

Pasture	Tentative Dates	Number of Livestock
Jacks Flat/Anothony Flat	4 weeks	354
Jacks Flat/Anothony Flat	3 weeks	932
Cove	4 weeks	932
Clear Creek	4 weeks	932
Ranger	REST	
Clear Creek Horse Pasture	6/16-9/30	5 horses



Range Monitoring Report

Fishlake | Richfield

WILLOW CREEK - 04012

Monitoring Date: November 12, 2025

Employees Present:

Oyler

Drought Indicator: No

COVE PASTURE - 001

Site or Key Area Name: 17-05

Trend Plot Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 12, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: August 1, 2025 to August 30, 2025

Estimated Use Days: 30

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

Cow Calf Pairs: 611 AUM: 602.6

Yearlings: 100 AUM:69

Total AUM: 672

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

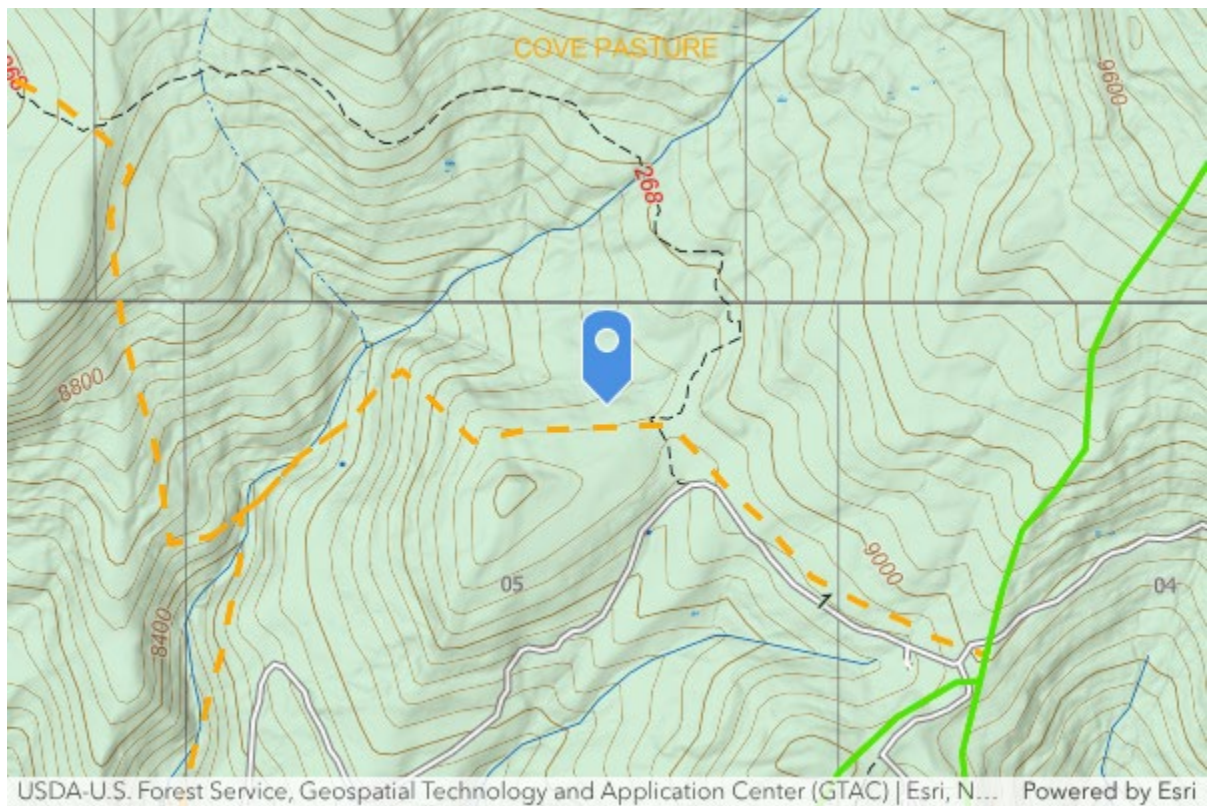
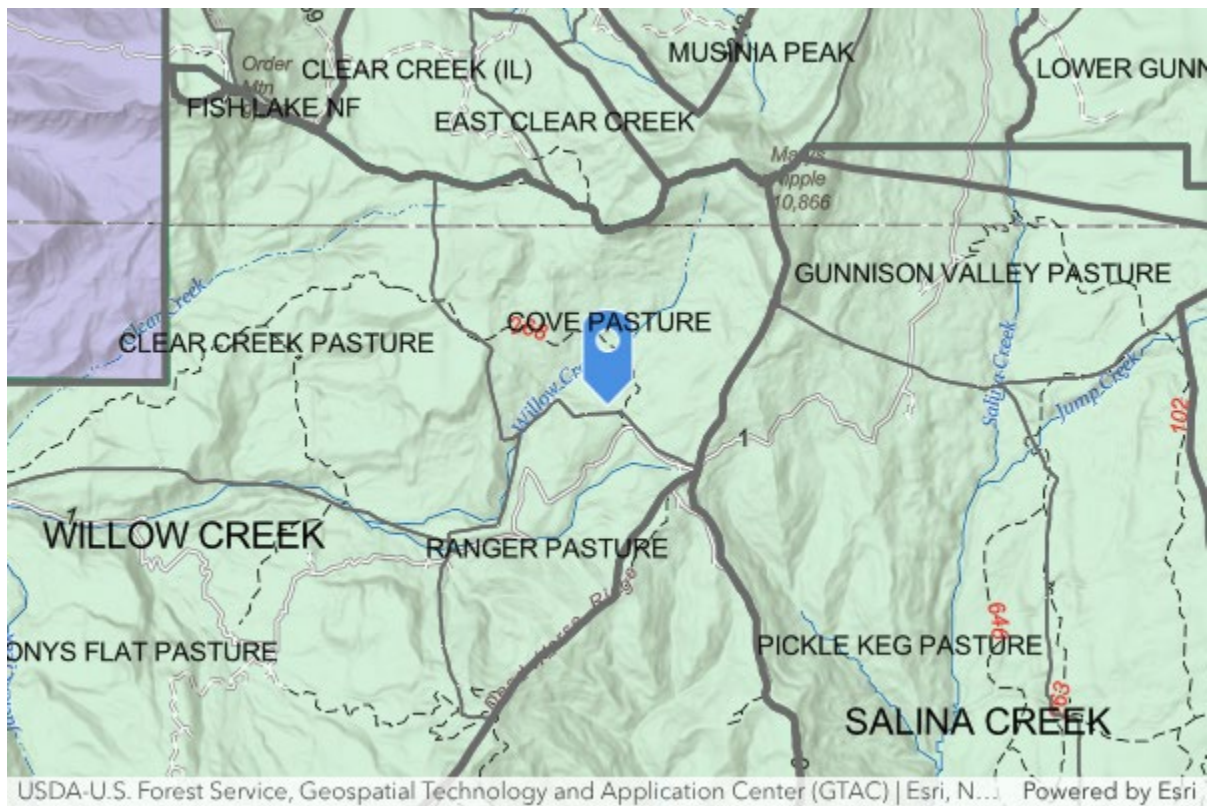
Within Guidelines?Yes



General view looking north



Closeup of vegetation



12S 448377E 4318659N39.01544402739394, -111.59628743646093

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

WILLOW CREEK - 04012

Monitoring Date: November 12, 2025

Employees Present:

Oyler

Drought Indicator: No

JACKS FLAT/ANTHONY'S FLAT PASTURE - 001

Site or Key Area Name:

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 12, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: August 17, 2025 to September 13, 2025

Estimated Use Days: 28

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

Cow Calf Pairs: 611 AUM: 562.5

Yearlings: 100 AUM: 64.4

Total AUM: 627

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 46.5

Max Allowable Use: 60

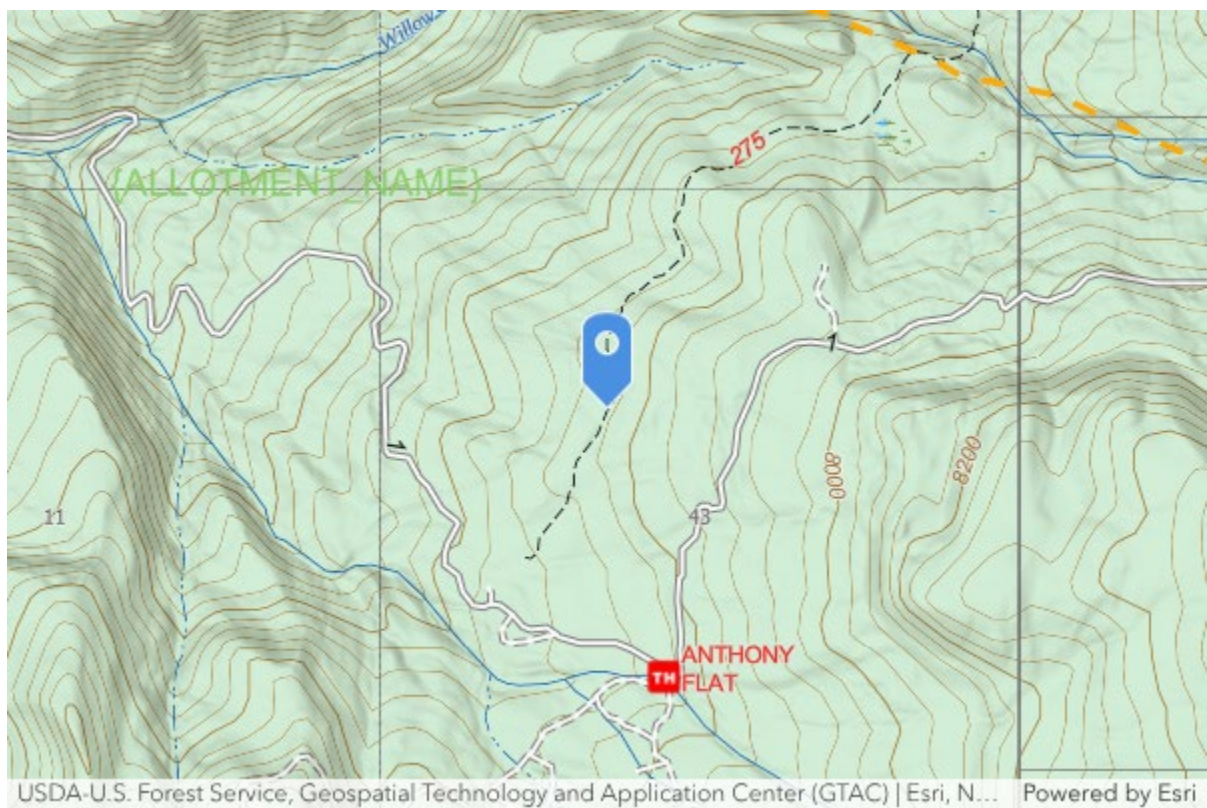
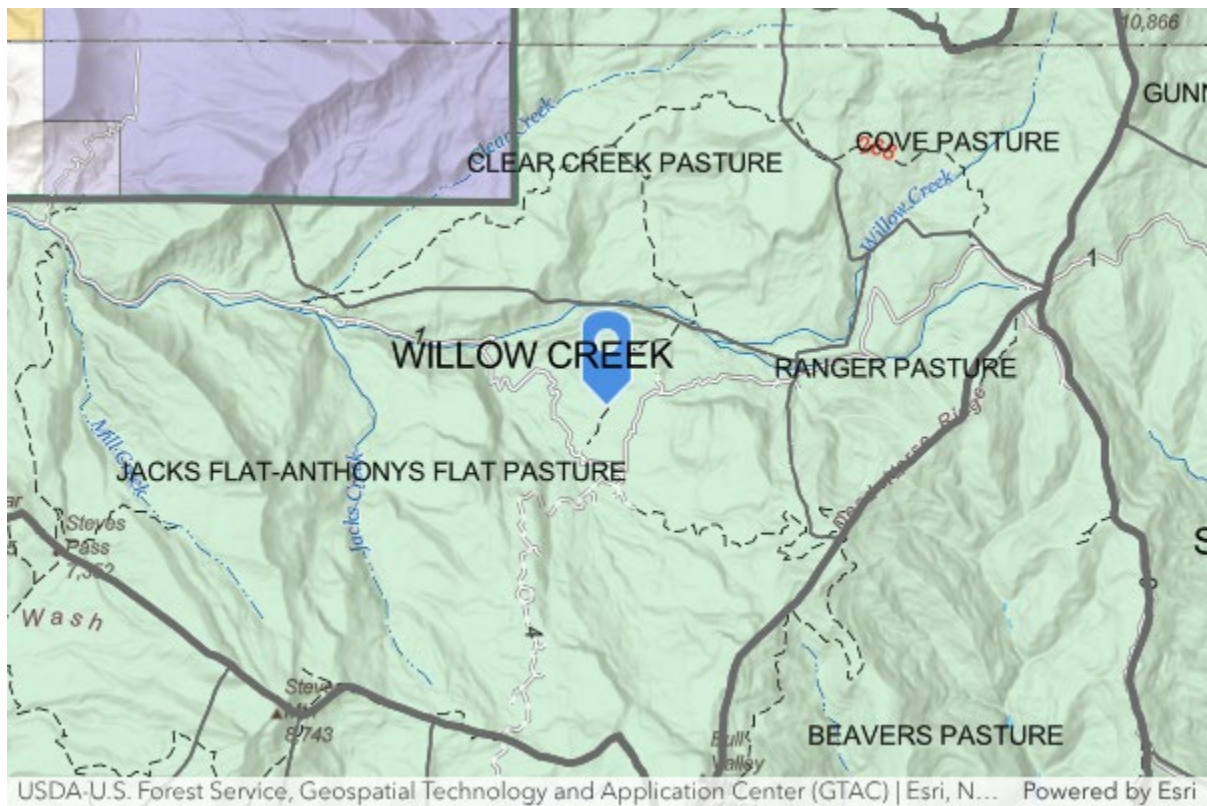
Within Guidelines? Yes



General view looking northwest



Closeup of vegetation use



12S 444778E 4316839N 38.998821817101295, -111.63770405566467



Range Monitoring Report

Fishlake | Richfield

WILLOW CREEK - 04012

Monitoring Date: November 6, 2025

Employees Present:

Oyler

Drought Indicator: No

JACKS FLAT-ANTHONYS FLAT PASTURE - 004

Site or Key Area Name: Trend plot 23-14

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 6, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: June 16, 2025 to August 5, 2025

Estimated Use Days: 51

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

Cow Calf Pairs: 611 AUM: 1,024.5

Yearlings: 321 AUM:376.8

Total AUM: 1,401

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 53.8

Max Allowable Use: 60

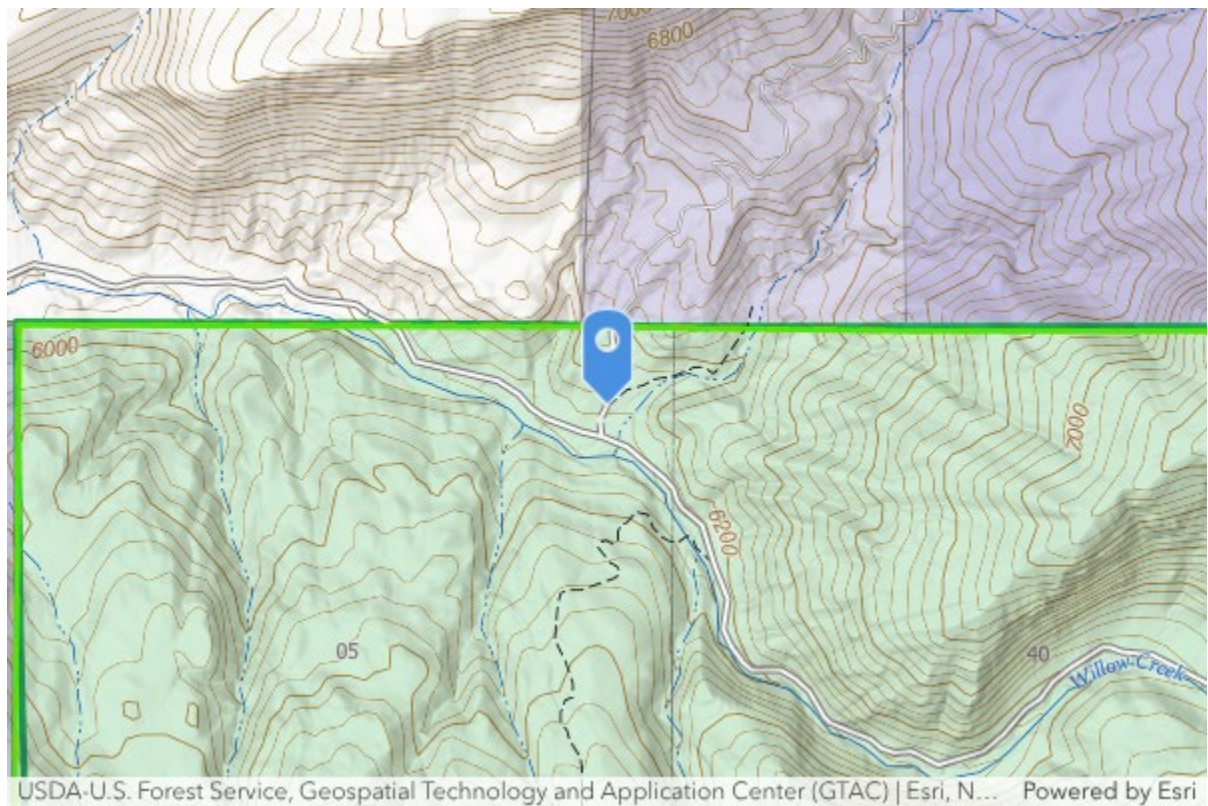
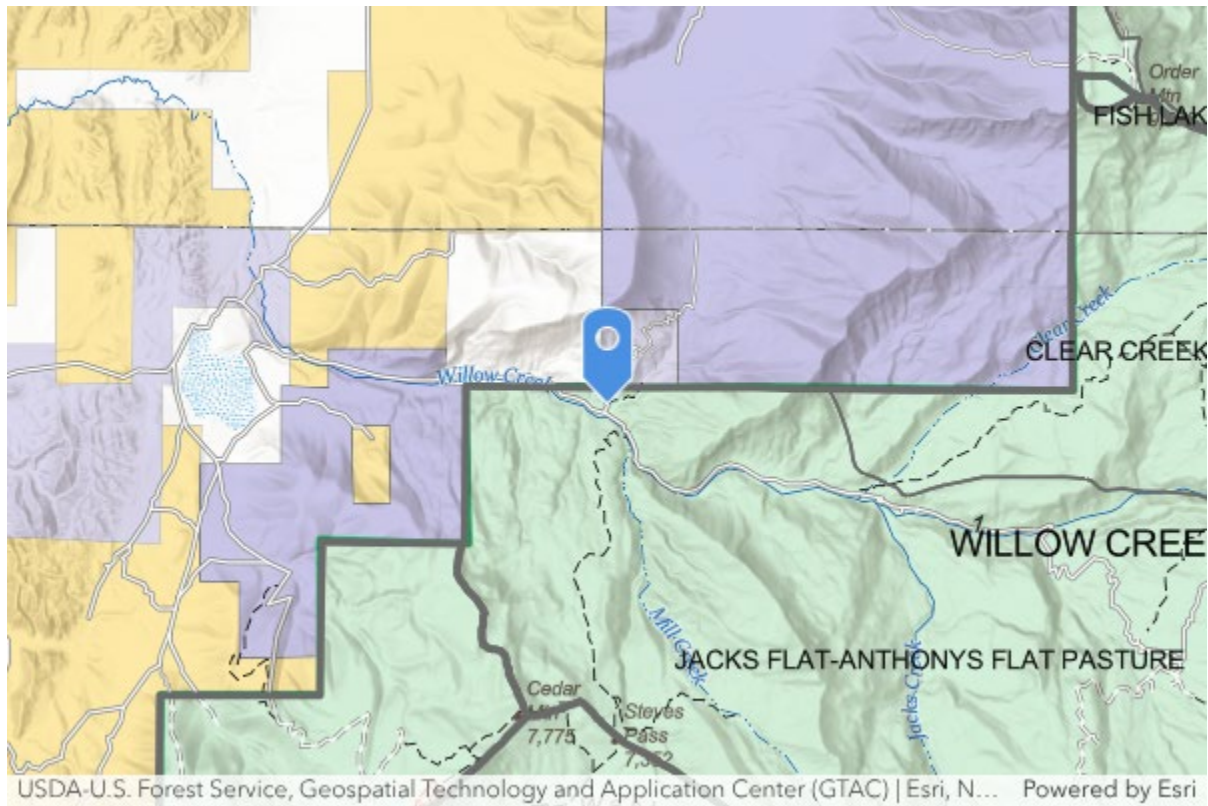
Within Guidelines?Yes



Closeup of vegetation



General view looking north



12S 439047E 4318828N39.01636858451878, -111.70406290509035

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

WILLOW CREEK - 04012

Monitoring Date: November 12, 2025

Employees Present:

Oyler

Drought Indicator: No

JACKS FLAT-ANTHONYS FLAT PASTURE - 004

Site or Key Area Name: Trend Plot 23-28

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 12, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: June 16, 2025 to August 6, 2025

Estimated Use Days: 52

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

Yearlings: 100 AUM:119.7

Total AUM: 120

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perrenial Grass Species**

Species 1 Percent Utilization: 59.1

Max Allowable Use: 60

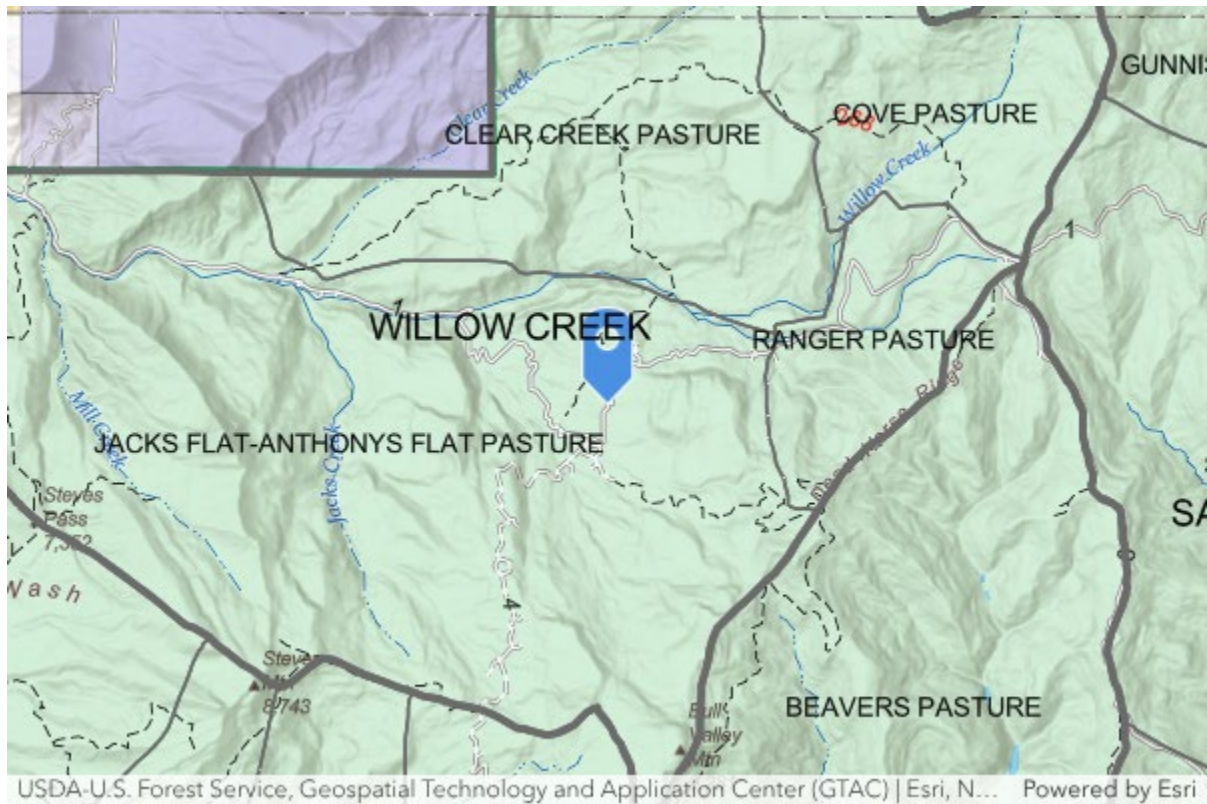
Within Guidelines?Yes



General view looking south



Closeup of vegetation



12S 445005E 4316569N 38.996401276625214, -111.63506064039252

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

Fishlake | Richfield

WILLOW CREEK - 04012

Monitoring Date: November 12, 2025

Employees Present:

Oyler

Drought Indicator: No

RANGER PASTURE - 003

Site or Key Area Name: Trend Plot 17-02

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 12, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP

Estimated use dates: July 28, 2025 to August 16, 2025

Estimated Use Days: 20

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

Cow Calf Pairs: 611 Yearlings: 100 Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 48

Max Allowable Use: 60

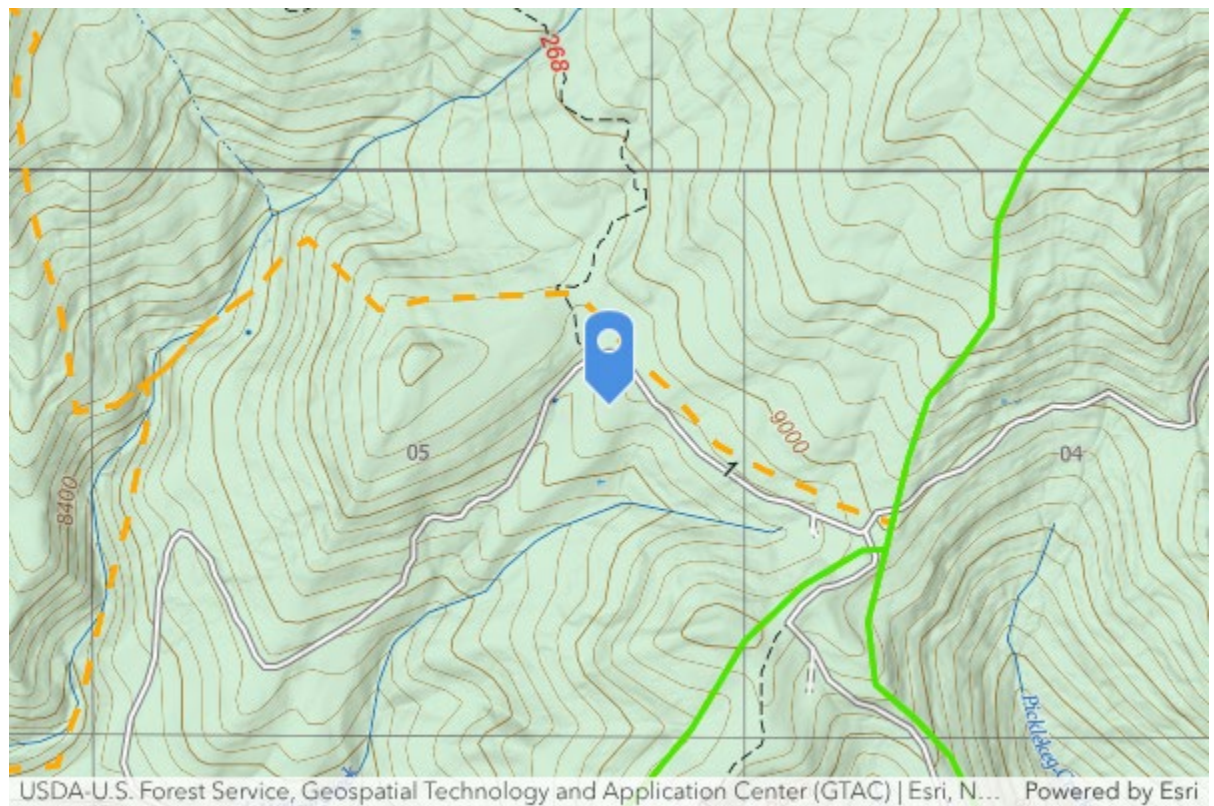
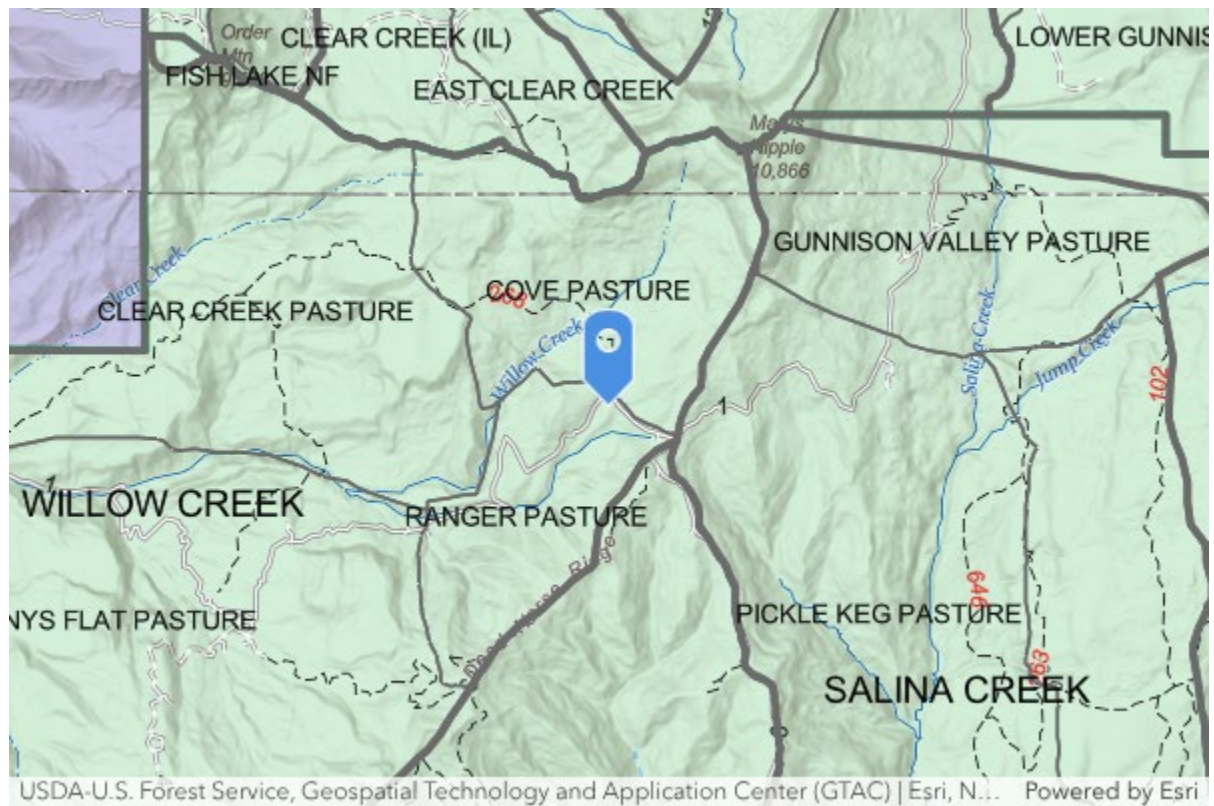
Within Guidelines? Yes



General view looking north



Closeup of vegetation



12S 448626E 4318475N 39.01379882875218, -111.59339740572847

Is the Standard Met? Yes

Is follow-up needed for compliance? No