

End of Season Monitoring Report 2025

Fishlake National Forest

Richfield Ranger District

Meadow Gulch Allotment

Prepared by: Chantel Anderson, Rangeland Management Specialist

Date: 2/5/2026

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 Meadow Gulch Allotment to estimate the browse and herbaceous utilization.

Table 1: Meadow Gulch Allotment Utilization Averages

Site	Utilization Average (%)	Exceeded Standards (Y or N)	80% Confidence Interval
Saleratus Pasture	25.2	N	2.0
Mud Lake	49.8	N	1.9

*Standards were met in all pastures on the allotment.

Livestock Management

Table 2: Meadow Gulch Allotment Grazing Schedule - Season 6/1- 10/15

Pasture	Tentative Dates	Number of Livestock
Mud Lake	5 weeks	281 c/c
Saluratus	7 weeks	281 c/c
Rock Canyon	7 weeks	281 c/c
Meadow Gulch PVT	5/1-5/31 10/16-11/30	11 c/c



Range Monitoring Report

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MEADOW GULCH - 04007

Monitoring Date: November 13, 2025

Employees Present:

Oyler

Drought Indicator: No

MUD LAKE PASTURE - 003

Site or Key Area Name: Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 13, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AMP Estimated use dates: June 1, 2025 to July 6, 2025

Estimated Use Days: 36

Kind and/or Class of Animals: Cow Calf

Cow Calf Pairs: 281 AUM: 332.6

Total AUM: 333

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 49.8

Max Allowable Use: 50

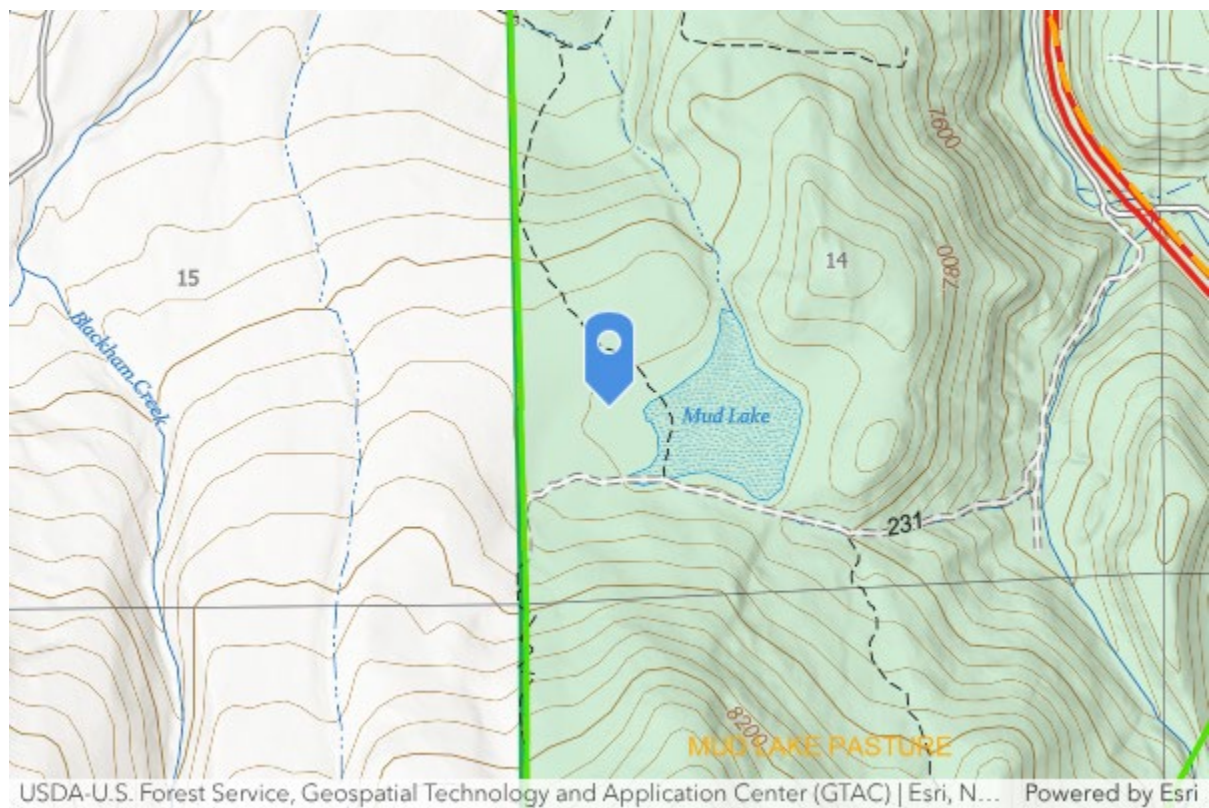
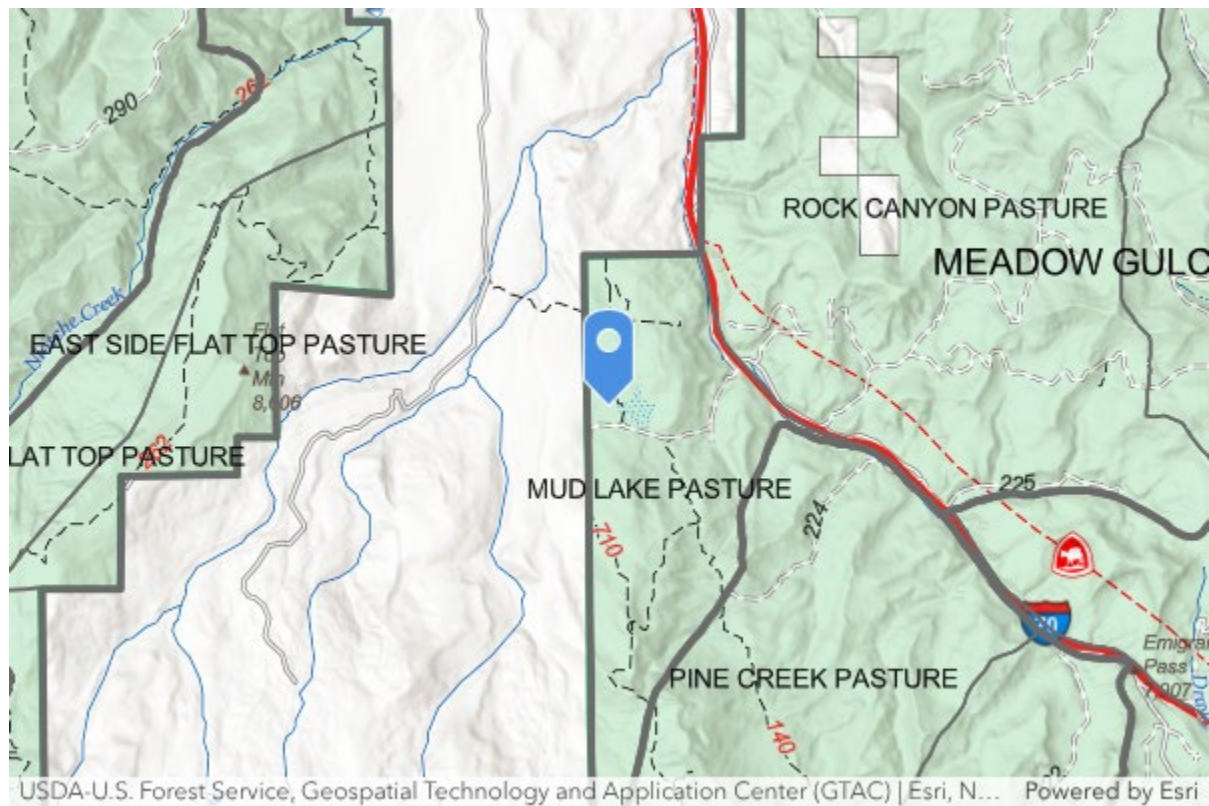
Within Guidelines? Yes



General view looking north



Closeup view of vegetation



12S 452319E 4295332N 38.80546247497341, -111.549130297941

Is the Standard Met? Yes

Is follow-up needed for compliance? No



Range Monitoring Report

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MEADOW GULCH - 04007Saleratus

Monitoring Date: November 20, 2025

Employees Present:

Brent Hafen, Ian Louder

Drought Indicator: No

SALERATUS PASTURE - 002

Site or Key Area Name: Measurement Units: inches

Monitoring Date: November 20, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AOI Kind and/or Class of Animals: Cow Calf, Yearling, Bull

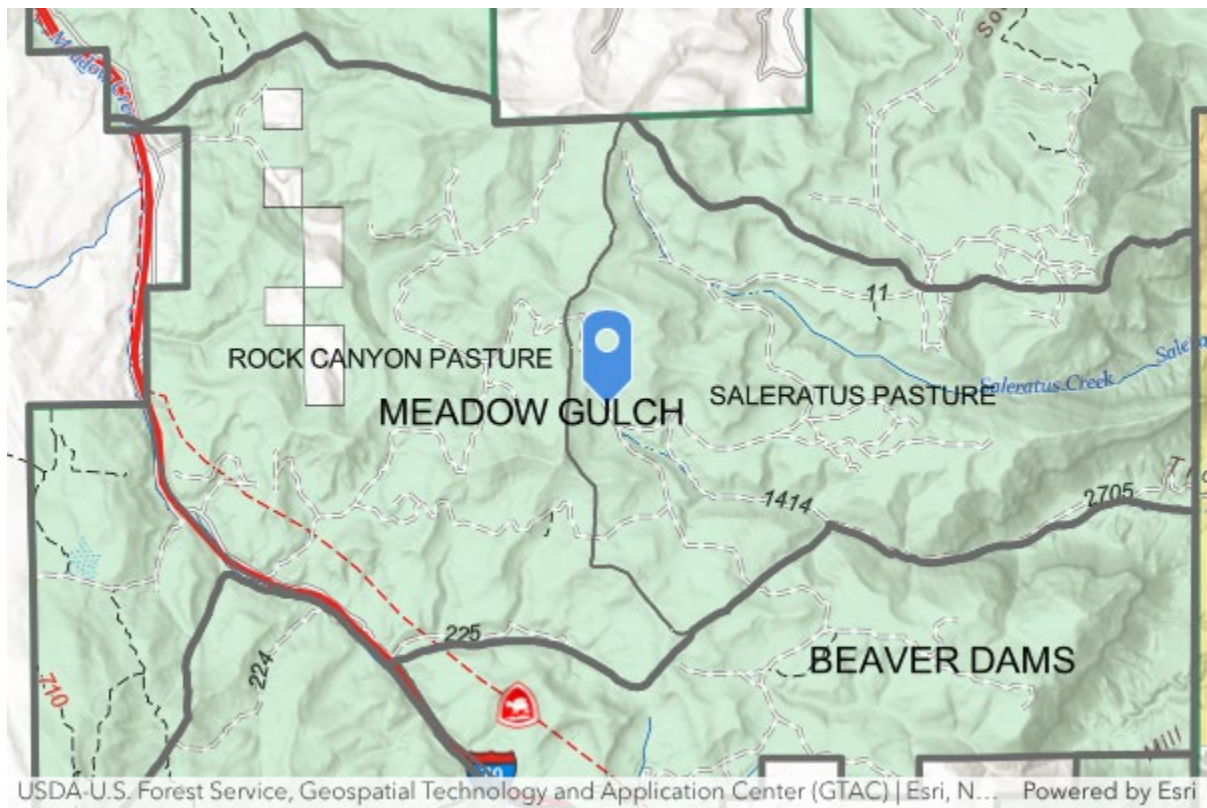
Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 25.2





12S 458030E 4296842N38.81936263296643, -111.48345619450461