

End of Season Monitoring Report 2025

Fishlake National Forest

Richfield Ranger District

Quitchoompah Allotment

Prepared by: Chantel Anderson, Rangeland Management Specialist

Date: 2/10/2026

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 Quitchoompah Allotment to estimate the browse and herbaceous utilization.

Table 1: Quitchoompah Allotment Utilization Averages

Site	Utilization Average (%)	Exceeded Standards (Y or N)	80% Confidence Interval
Mud Springs #1	22.3	N	1.8
Mud Springs #2	6.1	N	0.8
Mud Springs #3	21.2	N	1.9
Quitchoompah #1	22.7	N	2.4
Quitchoompah #2	17.9	N	1.7
Quitchoompah #3	20.8	N	1.7

Quitchoompah #4	21.5	N	1.6
-----------------	------	---	-----

*Standards were met in all pastures on the allotment.

Livestock Management

Table 2: Quitchoompah Allotment Grazing Schedule - Season 6/11-9/30

Pasture	Tentative Dates	Number of Livestock
Mud Springs	5 weeks	820 c/c
Quitchoompah	6 weeks	820 c/c
Skutumpah	5 weeks	820 c/c
Beaver Creek	REST	0



Range Monitoring Report

Fishlake | Richfield

QUITCHUMPAH - 04009

Monitoring Date: August 27, 2025

Employees Present:

Brent Hafen

Drought Indicator: No

MUD SPRINGS PASTURE - 004

Site or Key Area Name: Mud Springs #1

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: August 27, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AOI

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

Type of Monitoring: Herbaceous Removal

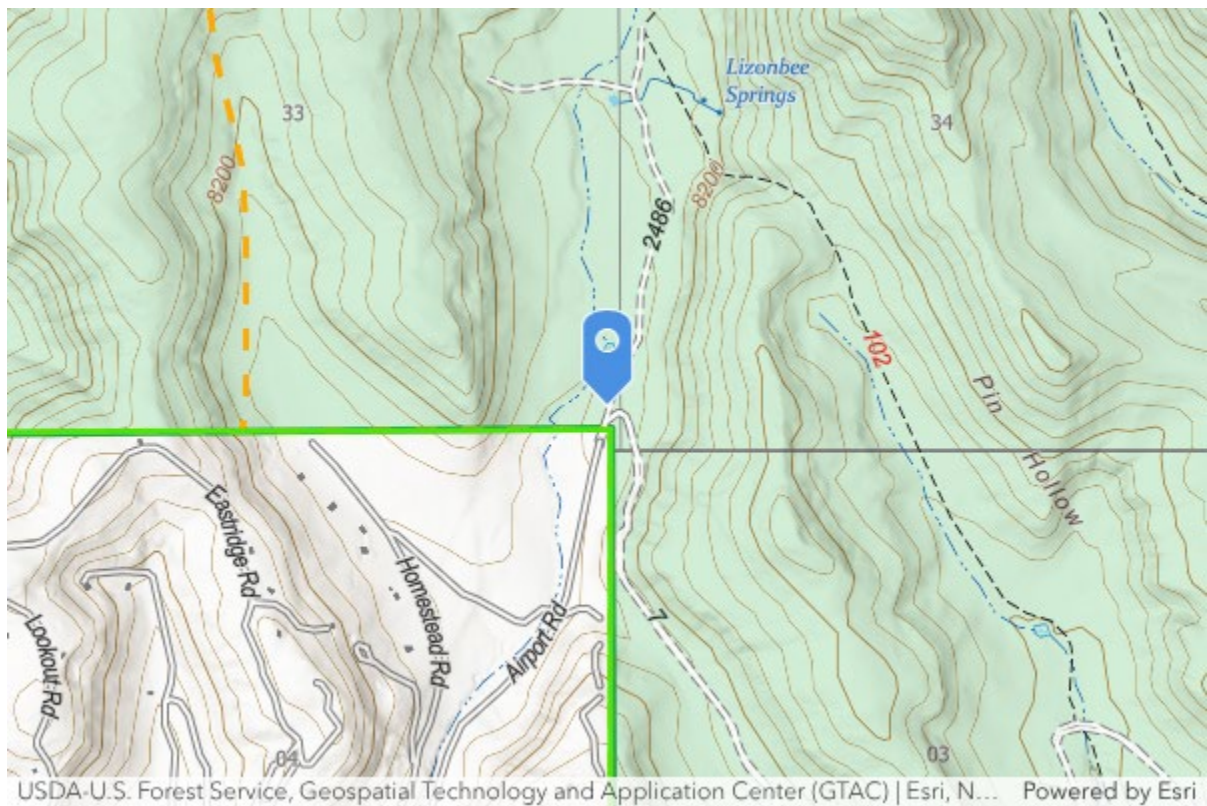
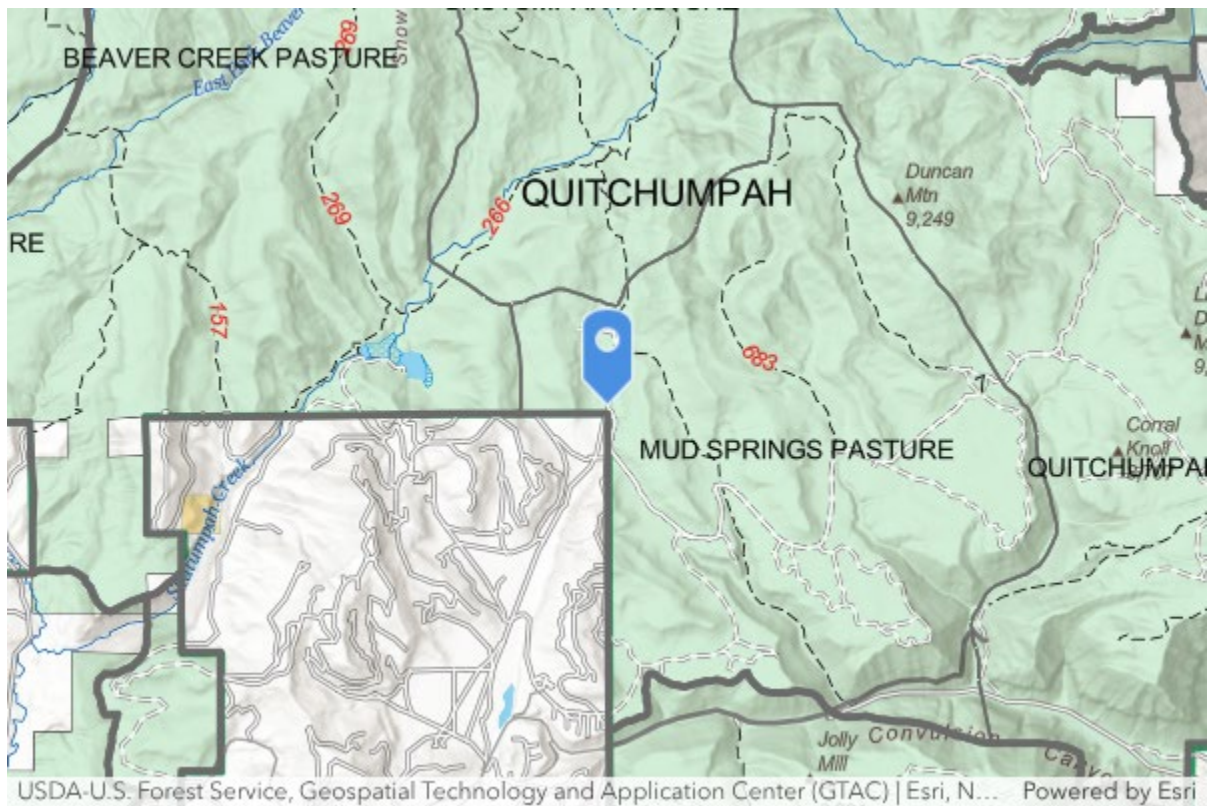
Monitoring Method: **Key Species**

Plant Species: **BRMA4**

Plant Species 2: **ACNEN2**

Species 1 Percent Utilization: 22.3





12S 460074E 4309535N 38.93384325600577, -111.46064406870677



Range Monitoring Report

Fishlake | Richfield

QUITCHUMPAH - 04009

Monitoring Date: August 27, 2025

Employees Present:

Brent Hafen

Drought Indicator: No

MUD SPRINGS PASTURE - 004

Site or Key Area Name: Mud Springs #2

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: August 27, 2025

Monitoring Time: POST-GRAZING SEASON

Kind and/or Class of Animals: cow/calf

Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **ACNEN2**

Plant Species 2: **PASM**

Species 1 Percent Utilization: 6.1





12S 462436E 4309109N 38.930108001173444, -111.43337820361435



Range Monitoring Report

Fishlake | Richfield

QUITCHUMPAH - 04009

Monitoring Date: November 17, 2025

Employees Present:

Brent Hafen, Ian Louder

Drought Indicator: No

MUD SPRINGS PASTURE

Site or Key Area Name: Mud Springs #3

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 17, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AOI

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

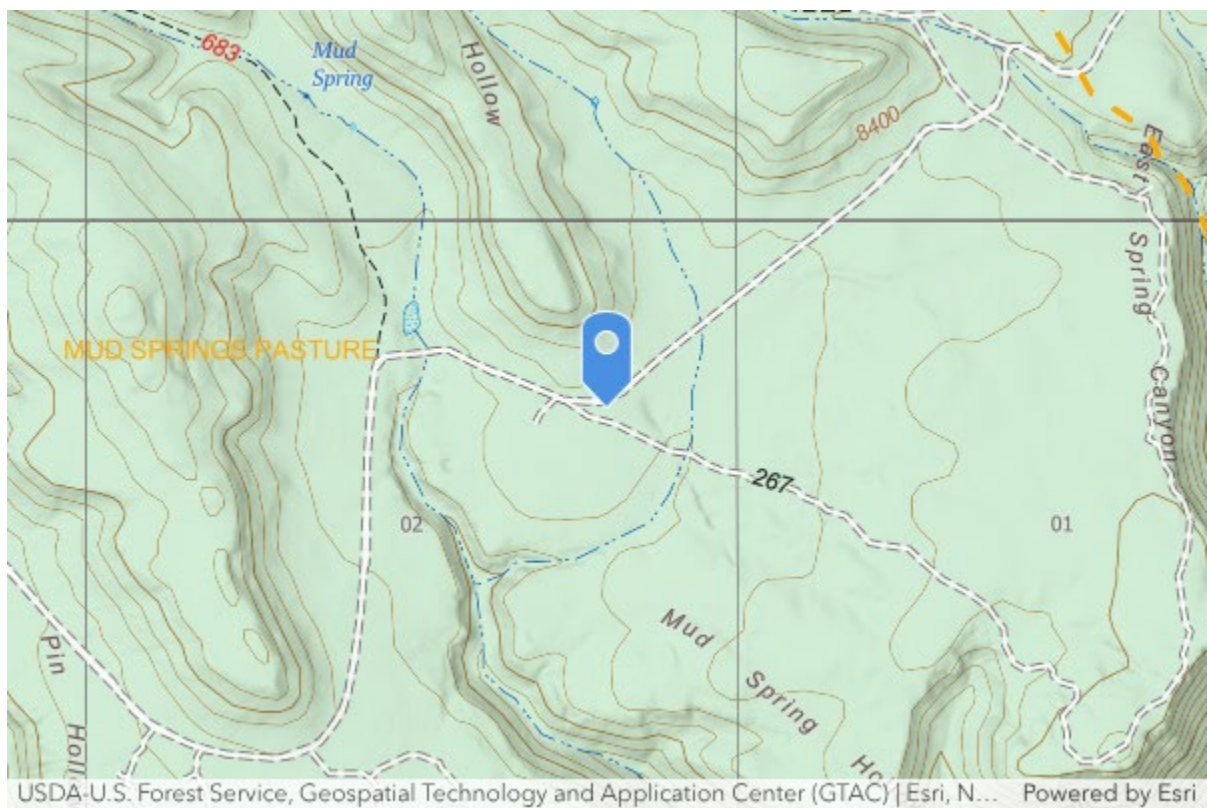
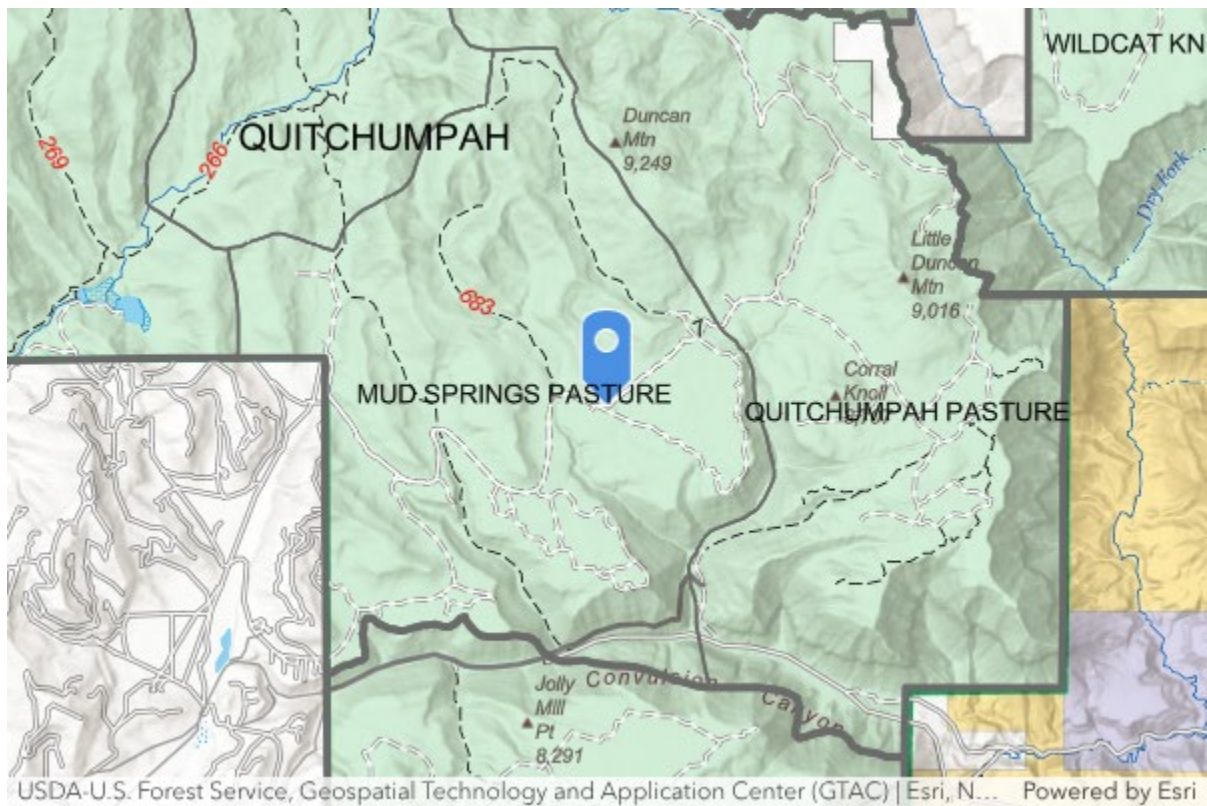
Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 21.2





[12S 462982E 4308951N](#) 38.928700803050795, -111.4270610816068



Range Monitoring Report

Fishlake | Richfield

QUITCHUMPAH - 04009

Monitoring Date: November 17, 2025

Employees Present:

Brent Hafen, Ian Louder

Drought Indicator: No

QUITCHUMPAH PASTURE - 003

Site or Key Area Name: Quitchumpah #1

Predominant Landform: OTHER VALLEY BOTTOM

Measurement Units: inches

Monitoring Date: November 17, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AOI

Estimated use dates:

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

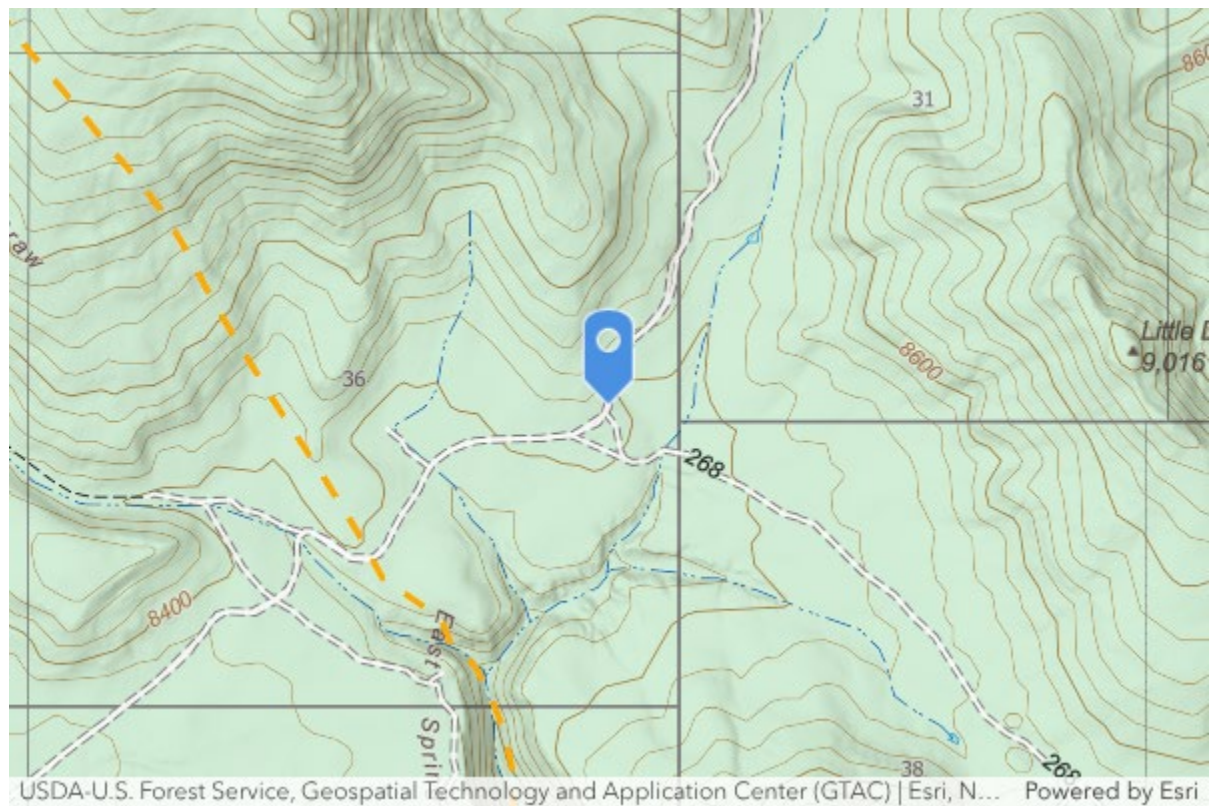
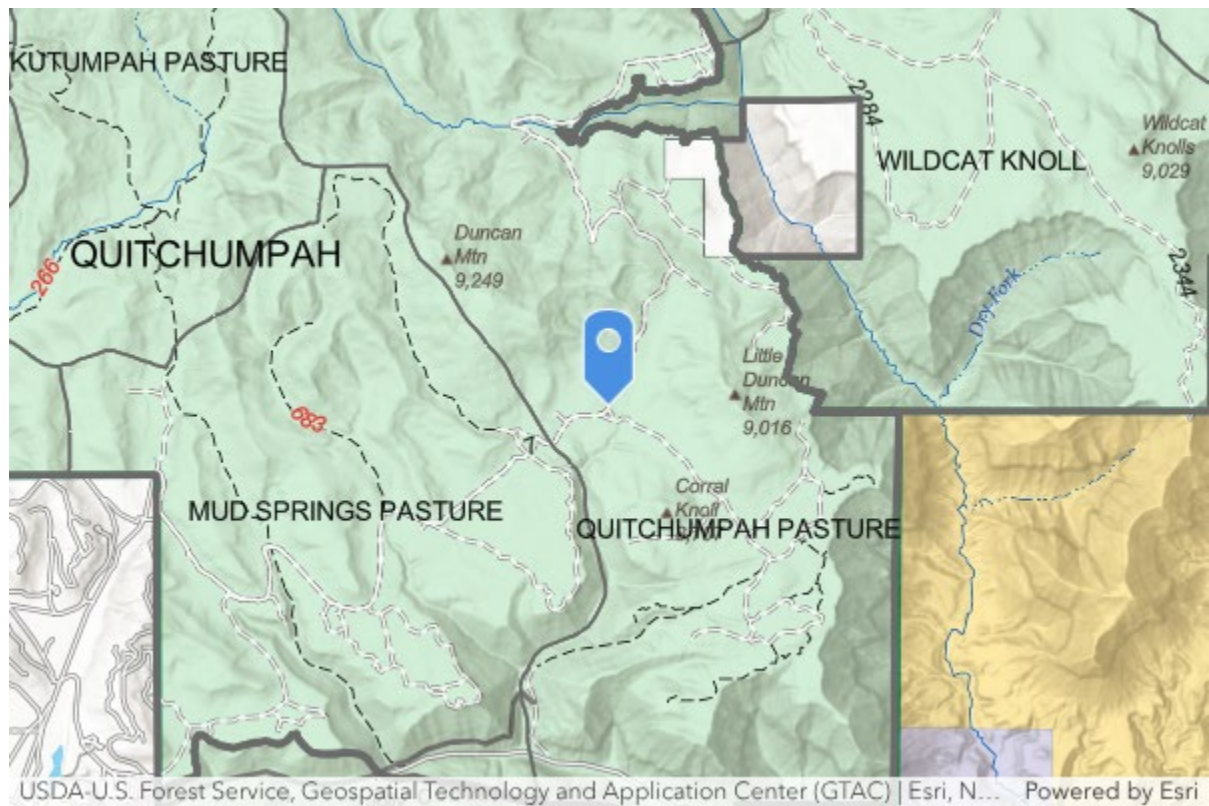
Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 22.7





12S 464744E 4310142N38.939507450013366, -111.4068012592489



Range Monitoring Report

Fishlake | Richfield

QUITCHUMPAH - 04009

Monitoring Date: November 17, 2025

Employees Present:

Brent Hafen, Ian Louder

Drought Indicator: No

QUITCHUMPAH PASTURE - 003

Site or Key Area Name: Quitchumpah #2

Predominant Landform: SIDESLOPE

Measurement Units: inches

Monitoring Date: November 17, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AOI

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

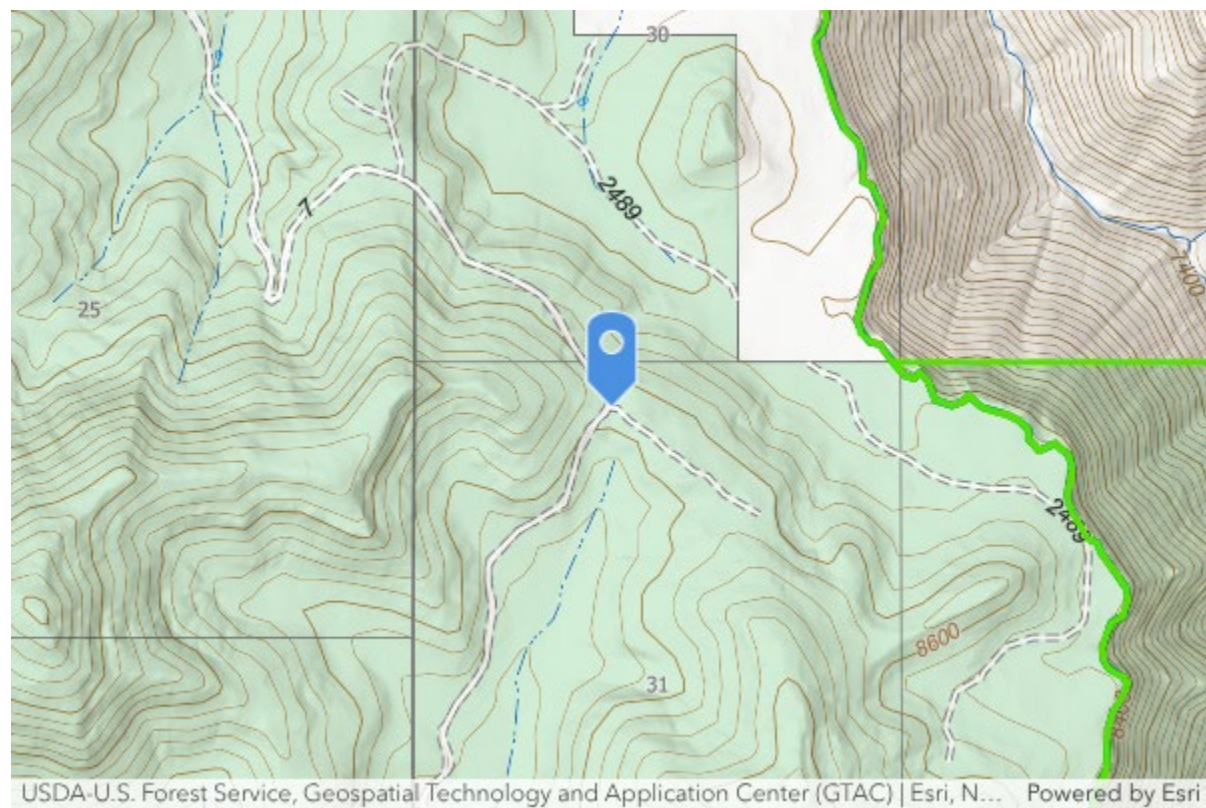
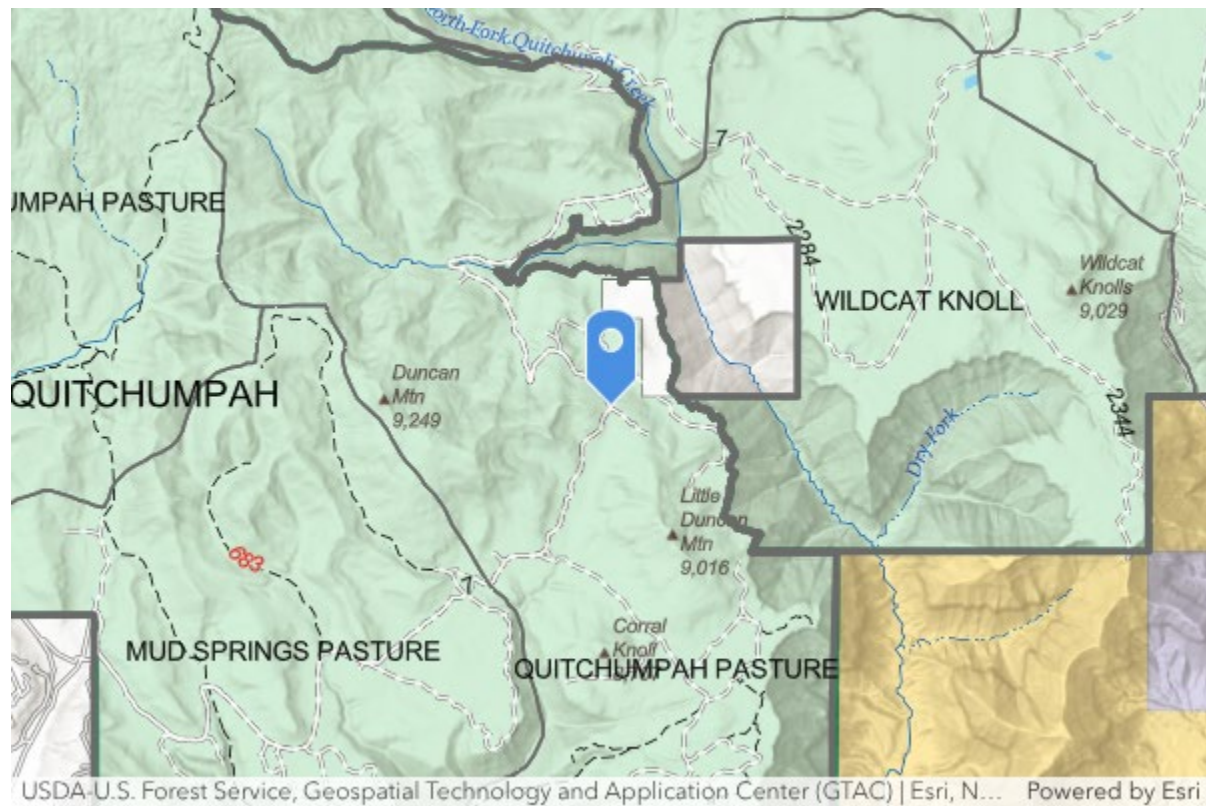
Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 17.9





12S 465413E 4311573N 38.95242912465065, -111.39915525218979



Range Monitoring Report

Fishlake | Richfield

QUITCHUMPAH - 04009

Monitoring Date: November 17, 2025

Employees Present:

Brent Hafen, Ian Louder

Drought Indicator: No

QUITCHUMPAH PASTURE - 003

Site or Key Area Name: Quitchumpah #3

Measurement Units: inches

Monitoring Date: November 17, 2025

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

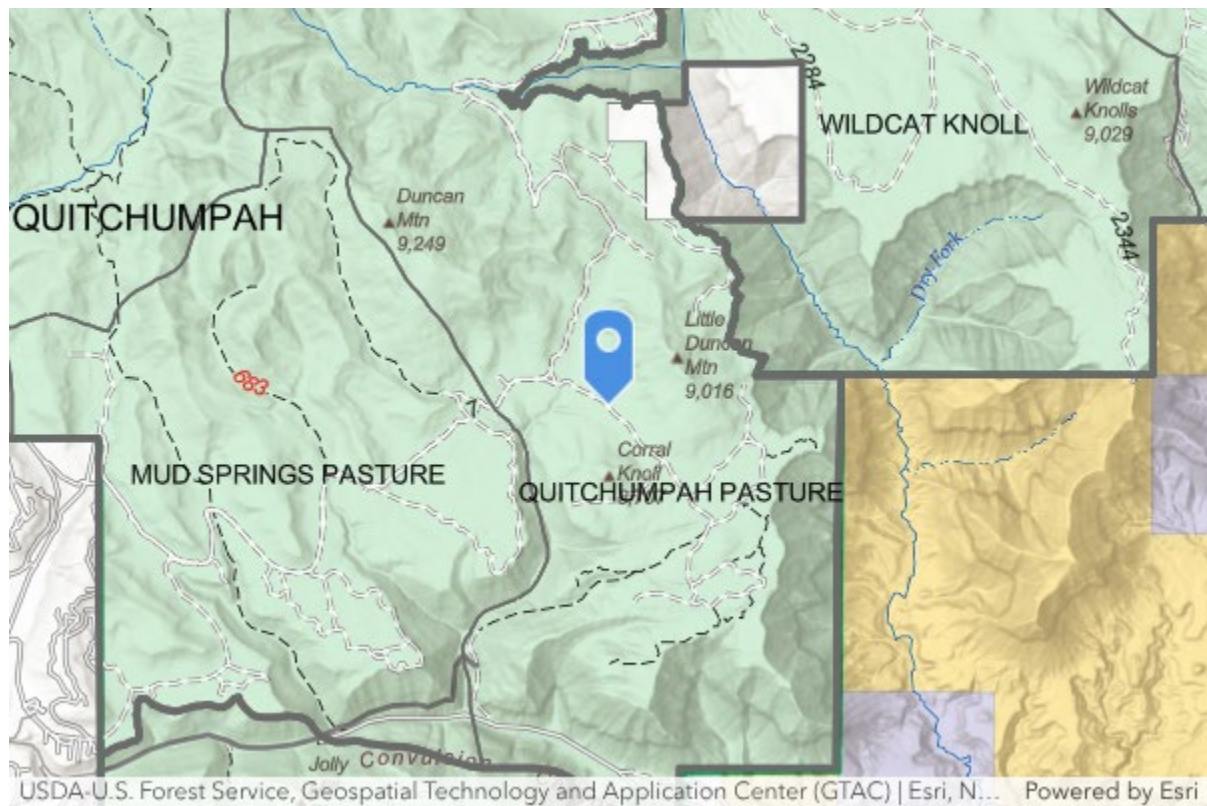
Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 20.8





12S 465337E 4309764N 38.936130450032074, -111.39994072775815



Range Monitoring Report

Fishlake | Richfield

QUITCHUMPAH - 04009

Monitoring Date: November 17, 2025

Employees Present:

Brent Hafen, Ian Louder

Drought Indicator: No

QUITCHUMPAH PASTURE - 003

Site or Key Area Name: Quitchumpah #4

Predominant Landform: UPLANDS

Measurement Units: inches

Monitoring Date: November 17, 2025

Monitoring Time: POST-GRAZING SEASON

Reason for Monitoring: AOI

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

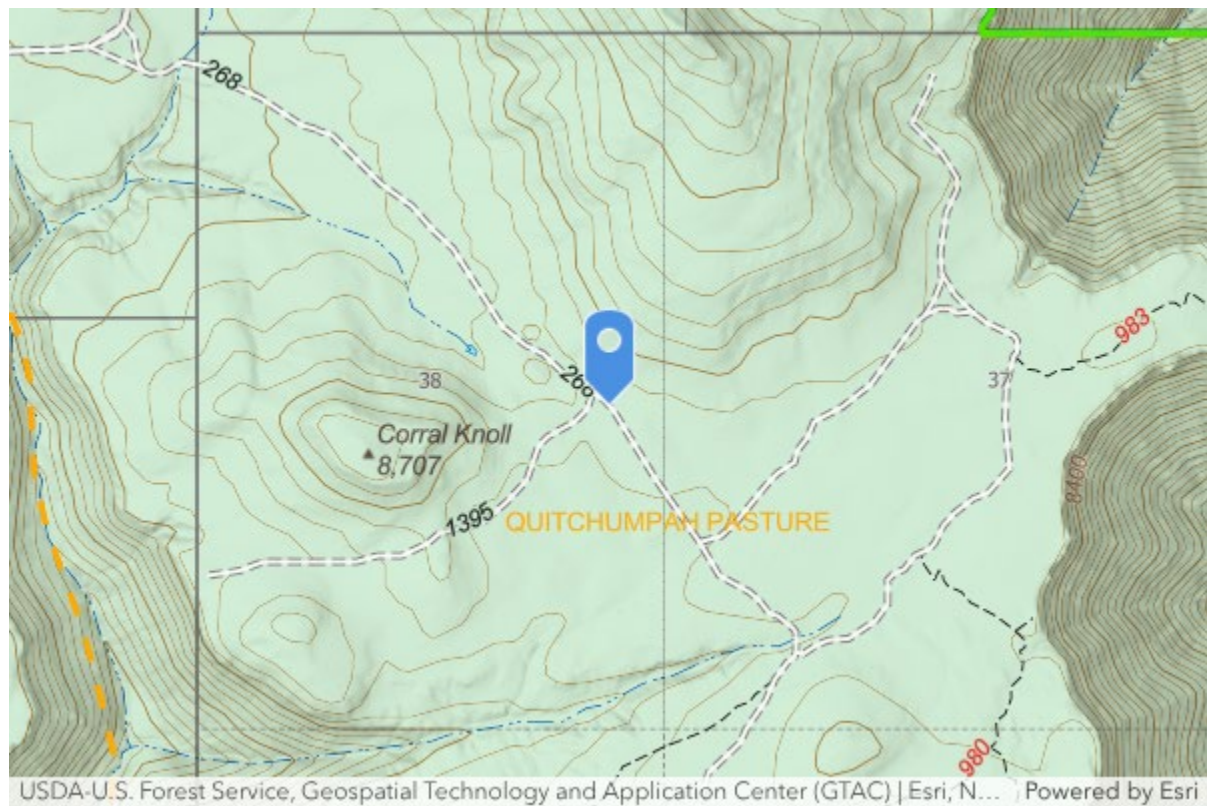
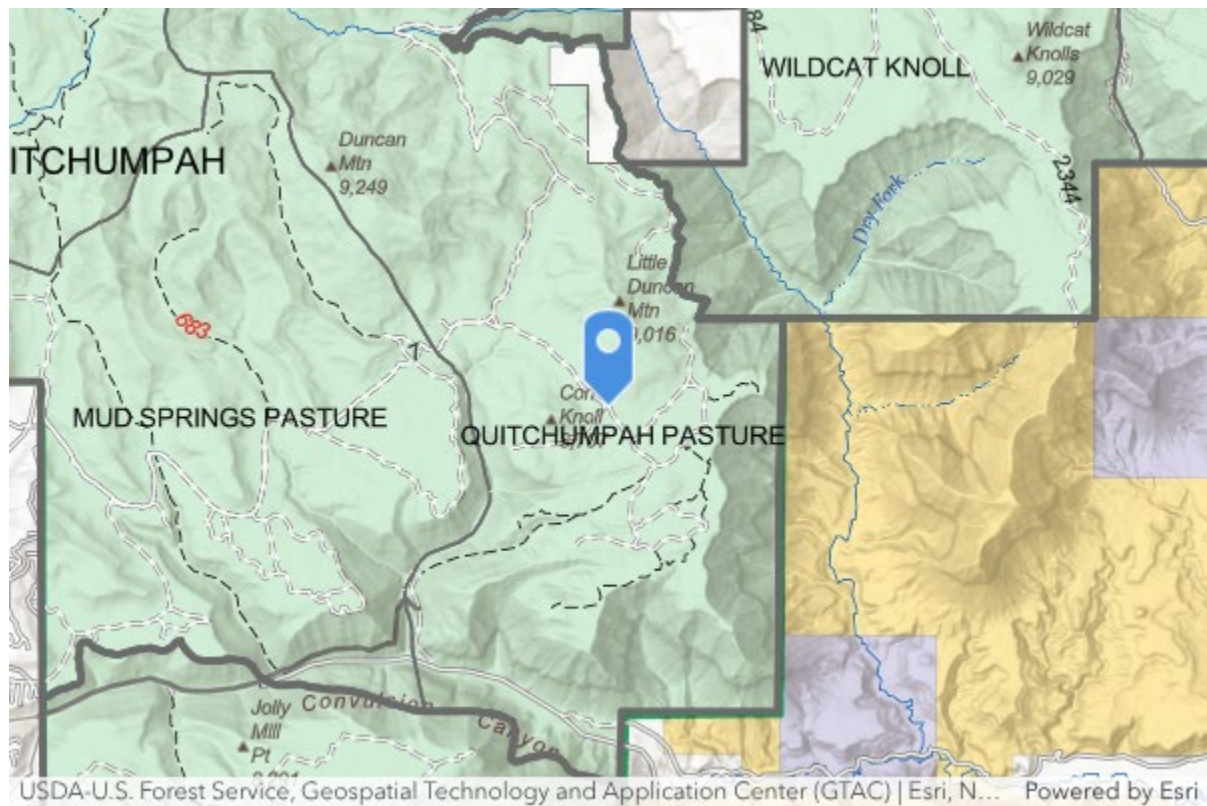
Type of Monitoring: Herbaceous Removal

Monitoring Method: **Key Species**

Plant Species: **All Perennial Grass Species**

Species 1 Percent Utilization: 21.5





12S 465931E 4309181N 38.93089723055246, -111.39305205511013