

## Grant Project Description

Roan Ranch

### Project 4767

The Montana Land Reliance (MLR) is seeking funding on behalf of the Roan family to purchase a perpetual conservation easement on their ranch located near the town of Musselshell, in Musselshell County. The property is 3,639 deeded acres of contiguous, intact, sage brush landscape entirely within Core Sage Grouse Habitat as identified by the Montana Sage Grouse Habitat Conservation Program. The property is located within the Central Service Area.

MLR requests \$623,000.00 with no project costs from the Stewardship Account Grant Funds for the Roan Ranch Project. The final appraisal on this conservation easement property has been completed and is in hand. MLR is only seeking funding for approximately 34% of the conservation easement value. This conservation easement has received matching funds from the Natural Resource Conservation Service (NRCS) Agricultural Lands Easement Program (ALE) totaling 66% of the final appraised easement value.

Leks within 2-4 miles of the project boundary

Lek Name	Year First Counted	High Male Count	Count in 2022
Half Way lek	2012	17	2
Sand Creek 2	2015	26	26

The Program recommends application of lek multipliers for all 2022 proposed grant projects. This would be comparable to how calculations are done for development projects. With the application of multipliers for leks, up to 164,582.54 credits could be created for this project. Total cost after application of the 40% baseline would be \$284,466.54. This does not meet the requested amount.

Credits available after application of the 40% baseline are 66,955.08. The project credits would allow up to \$284,466.54 in funding for this project. This would be less than the requested amount of \$623,000.00. This project cannot be funded at the requested amount for \$13/credit with the application of the 40% baseline while including the lek multiplier.

Adjusting the baseline to 50% would increase the credits to 83,110.78 and the funding to \$353,116.13. This would still be less than the requested amount.

Based on the requested amount of \$623,000.00 the base cost for a credit would be \$29.63 as compared to the recommended \$13.00. Over the life of the project the credits would be \$9.30

## Project Metrics


Stewardship Grant Project Information	
Project Name	Roen Ranch
Project ID	4767
Activity Type	Perpetual Conservation Easement
Physical Acres	3,639.00
Duration	100
County	Musselshell
Service Area	Central
Easement Costs	
Estimated Appraised Easement Value	\$1,820,000.00
Matching Funds (NRCS)	\$1,197,328.00
Stewardship Account Funding Requested for Easement	\$623,000.00
Easement Sponsor Project Costs* (MLR)	\$0.00
Total Project Amount Requested	<b>\$623,000.00</b>
Restoration Costs	
Matching Funds (Landowner)	TBD
Grant Funding Requested for Restoration	\$0.00
Total Restoration Costs (all restoration costs will be paid by landowner)	TBD
HQT Metrics	
Raw HQT Score - Credits before baseline	163,889.26
New FxA?	yes
New FxA Credits	179.41
Credits after 40% Baseline	55,825.80
<b>Total Grant Amount allowed using \$13/credit-using 3% NPV</b>	<b>\$237,282.96</b>
Average Cost of \$13 Credit with application of 3% NPV over 100 years	\$4.23
Application of Multipliers for Distance to Leaks	
Core Area or General Habitat Leaks within 4/2 miles	2
Credits Generated from Multipliers	27,284.97
HQT Results with Application of Multipliers	
New FxA Credits	179.41
Credits before baseline	163,889.26
Credits after 40% Baseline	66,955.08
<b>Total Grant Amount allowed using \$13/credit-using 3% NPV + Multipliers</b>	<b>\$284,466.54</b>
Metrics per Physical Acre per Year	
Fx Acres Gained (Raw HQT Score)	0.378
Total Credits (no multipliers)	0.155
Total Credits (with multipliers)	0.186
Metrics Based on Proposed Grant Requested Amount	
<b>Total Amount Requested</b>	<b>\$623,000.00</b>
Base Cost/credit per requested amount	\$34.30
Average Cost/Credit per requested amount with application of 3% NPV over 100 years	\$11.16
With Application of Lek Multipliers	
Base Cost/credit per requested amount	\$29.63
Average Cost/Credit per requested amount with application of 3% NPV over 100 years	\$9.30

\*Title work, Mineral Remoteness Report, Resource documentation report, Qualified appraisal, Recording fees, Easement, Monitoring


# Roen Ranch Perpetual Conservation Easement


## Surrounding Land Ownership

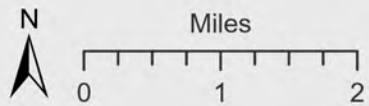
### Habitat Benefits

 Preservation Easement

### Ownership

 US Bureau of Land Management

 Montana State Trust Lands




Map Created: 20 September 2022  
Imagery: 2021 NAIP






# Sage Grouse Lek Proximity


## Project Information

 Stewardship Application


 Sage Grouse Leks


## Habitat Designation


 EO-Core Area


 EO-General Habitat

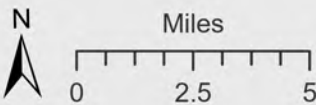
## Distance From Project

 2 Miles (1 Lek)

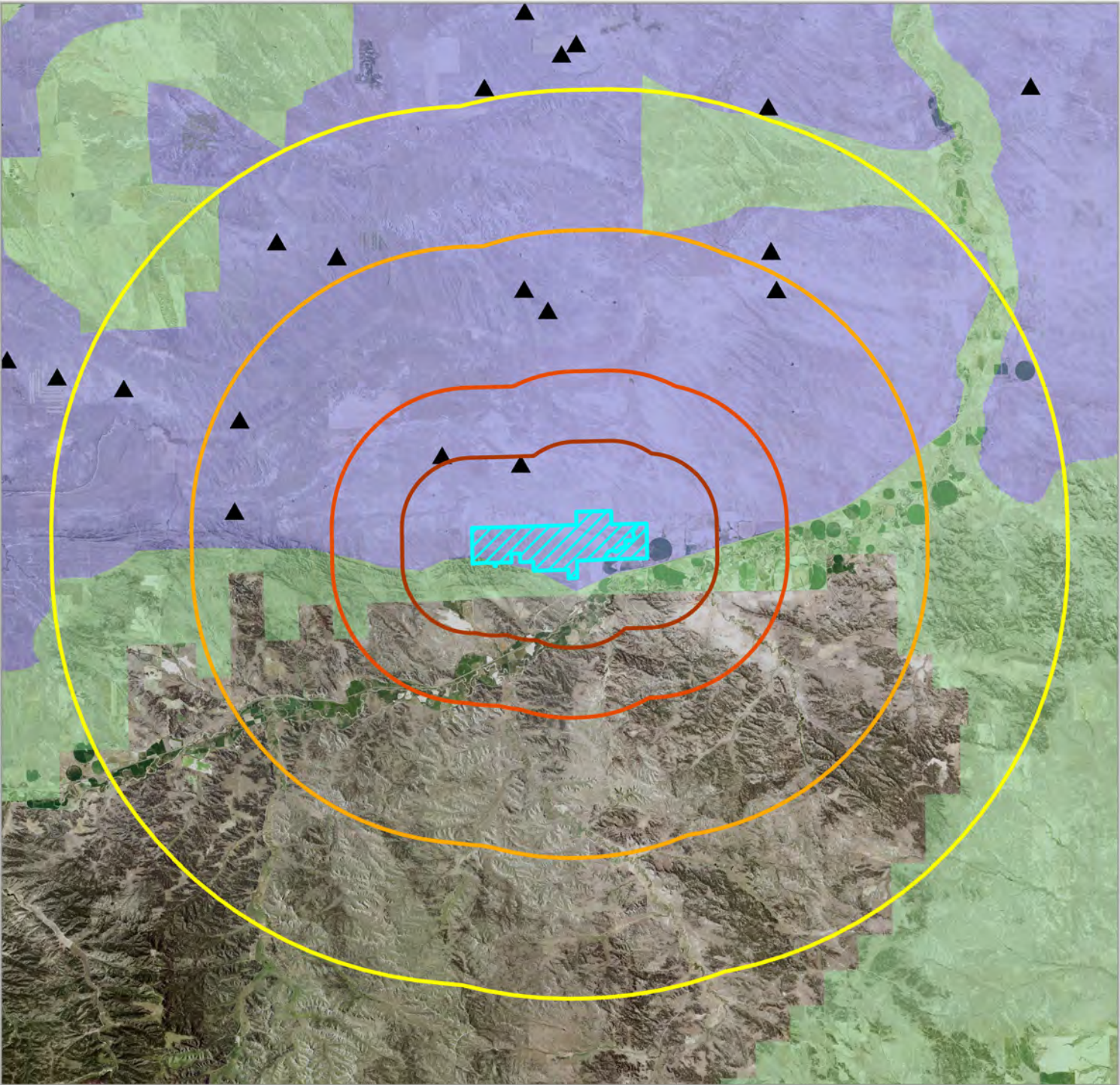
 4 Miles (2 Leks)

 8 Miles (7 Leks)

 12 Miles (11 Leks)



Map Created: 20 September 2022  
Imagery: 2021 NAIP





# Surrounding Disturbances

## Project Information

Stewardship Application

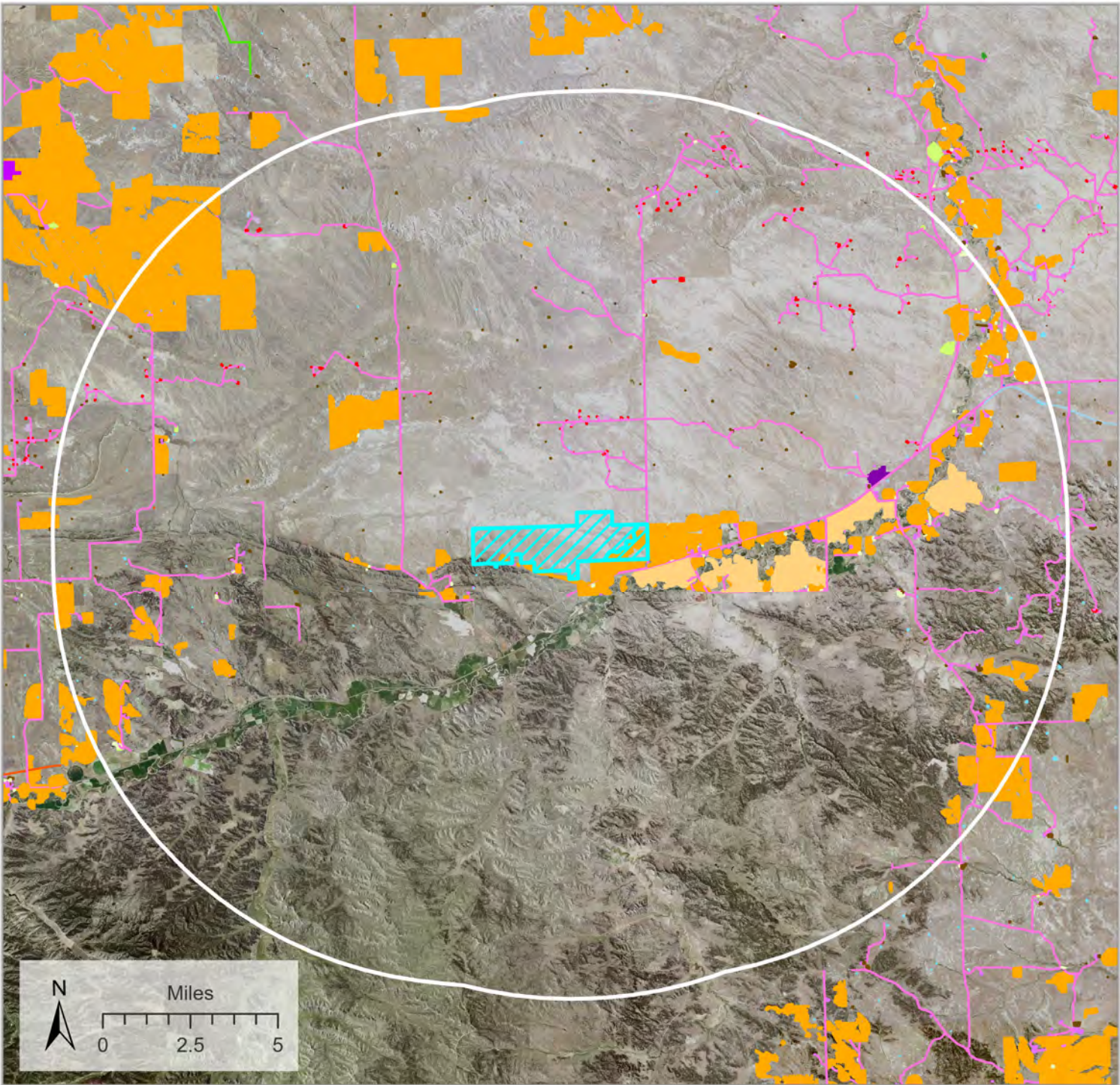
12 Mile Buffer

## Disturbance Type

- Contig. Cult. Lands
- Cropland
- LivestockArea
- Storage Site
- Gravel Pit
- Major Pipeline
- Reclamation
- Ag. Water
- Stock Pond
- Transmission
- Oil/Gas
- Communication
- Indust./Commercial
- Transportation
- Building/Structure
- Subdivision
- Urban
- Military
- Unknown/Other




Map Created: 20 September 2022  
Imagery: 2021 NAIP







# Stewardship Application's Proximity to Other Applications

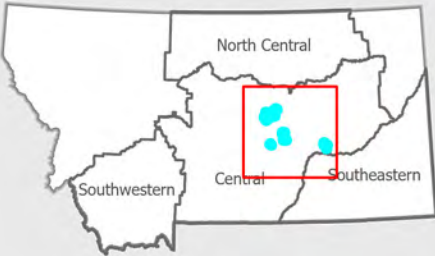
## Project Information

 Stewardship Application

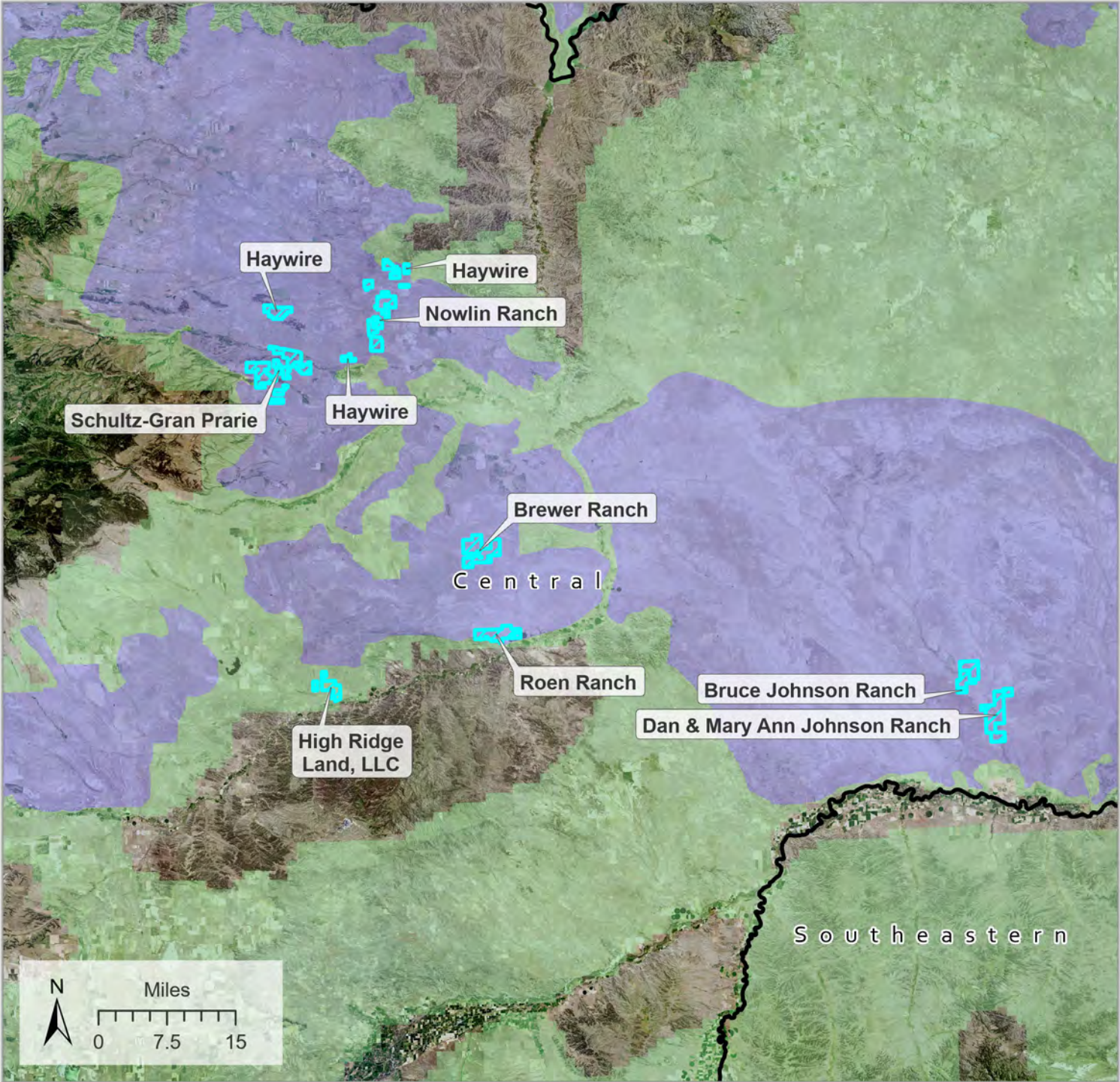
## Habitat Designation

 EO-Core Area

 EO-General Habitat



Map Created: 20 September 2022  
Imagery: 2021 NAIP





# Stewardship Application's Proximity to Closed Stewardship Grants



## Project Information

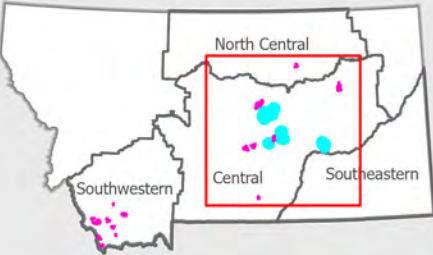
Stewardship Application

Closed Stewardship Grant

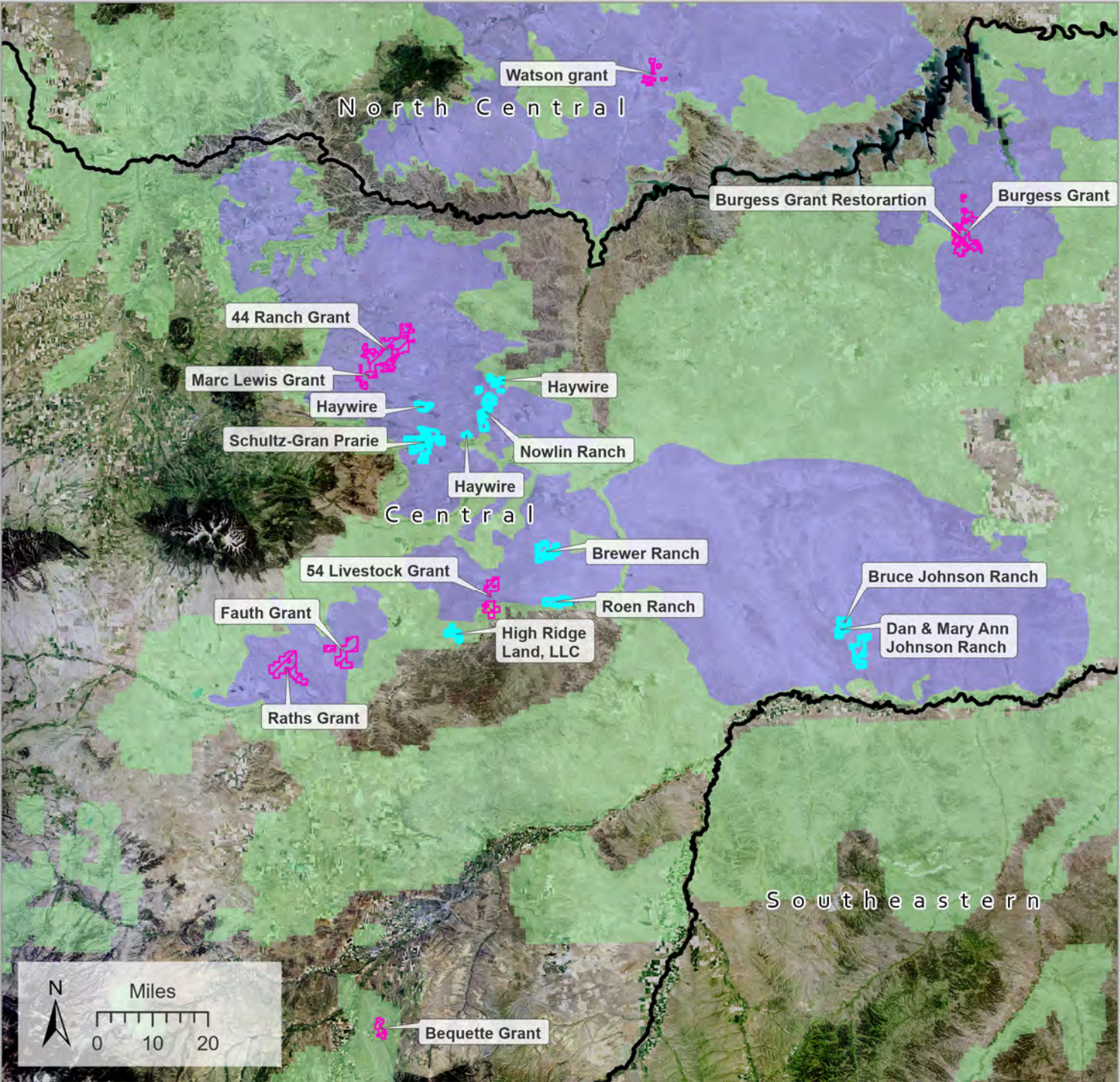
## Habitat Designation

EO-Core Area

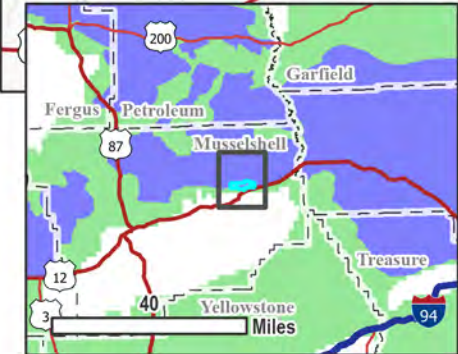
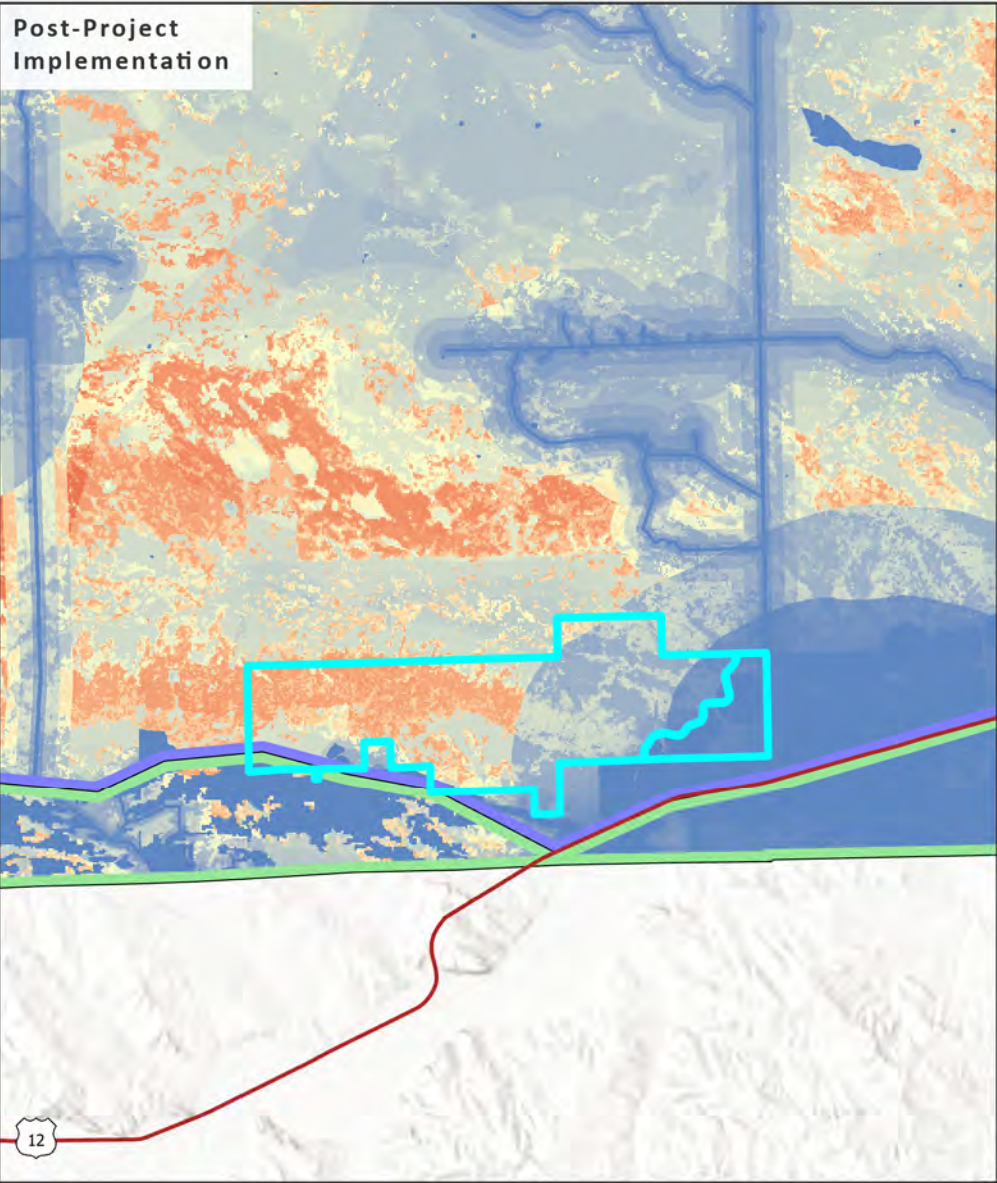
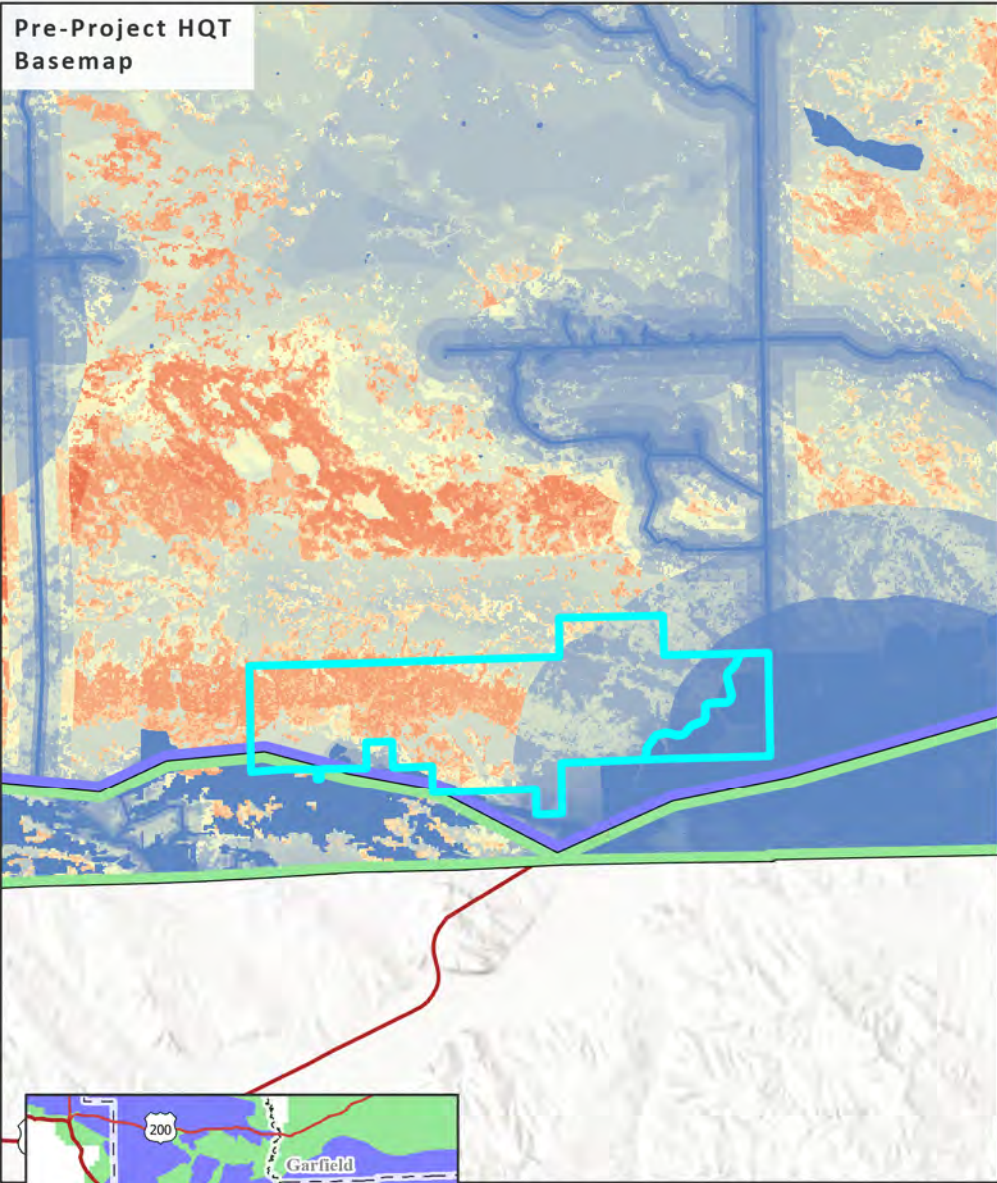
EO-General Habitat



Map Created: 20 September 2022  
Imagery: 2021 NAIP







**HQT Project Metadata**

HQT Date: 21 June 2022  
Years for Implementation: 0 Years  
Years for Maintenance: 100 Years

