

## Grant Project Description

### Schultz Ranch

#### Project 4736

The Schultz-Gran Prairie Ranches are located in the Yellow Water Triangle area southwest of Winnett. The proposed Schultz-Gran Prairie Ranches lease would include 8,190.12 acres of deeded private lands. In addition to the term lease, Schultz-Gran Prairie Ranches would undertake additional restoration on lands that would be also included in the lease and conserved under the terms of the lease. Restoration efforts entail reseeding two areas back to a native range seed mix, totaling 115 acres. Removing ~68 acres of encroaching conifer. The Schultz-Gran Prairie Ranches are managed for livestock production through a deferred grazing rotation system. In addition to the deeded lands of the ranch, the Schultz-Gran Prairie Ranches lands are intermingled with U.S. Bureau of Land Management Lands and State Trust Land in a checkboard fashion. Schultz-Gran Prairie Ranches hold current grazing permits on these lands within the overall project boundary. The private, state, and federal lands are managed holistically through the rotational grazing system. The property is located within the Central Service Area.

It is anticipated that the Petroleum County Conservation District will hold the lease for the Schultz property. Terms and costs to the conservation district will be conducted under a separate grant.

Lek within 2-4 miles of the property:

Lek Name	Year First Counted	High Male Count	Count in 2022
R4YWT-11a	2012	52	52
R4YWT-11	2012	13	5
R4YWT-9a	2012	37	17
R4YWT-15	2012	14	0
R4YWT-15a	2012	8	0
R4YWT-3	2012	107	74
R4WH-36	2013	9	8
R4YWT-18	2012	22	22
R4WH-37	2012	62	42
R4WH-37b	2013	15	15
R4WH-37a	2013	48	23
R4YWT-2a	2012	16	2

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, 137,337.09 credits would be created for this project. Total cost after application of the 40% baseline would be \$561,504.20. This does not meet the requested amount.

Credits available after application of the 40% baseline are 57,201.15. This would be less than the requested amount of \$588,646.20. 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 70,557.14 and the funding to \$692,538.26. This would exceed the requested amount. The Program recommends adjusting the baseline to an amount that would meet the ask of \$588,646.20 plus the cost of the conservation district expenses.



## Project Metrics

Stewardship Grant Project Information	
Project Name	Schultz -Gran Prairie
Project ID	4736
Activity Type	Conservation Lease
Physical Acres	8,190.12
Duration	20/25
County	Petroleum / Fergus
Service Area	Central
Easement Costs	
Estimated Appraised Easement Value	
Matching Funds	\$0.00
Stewardship Account Funding Requested for Easement	\$500,000.00
Easement Sponsor Project Costs* (Petroleum County Conservation District)	TBD
Total Easement Amount Requested	\$500,000.00
Restoration Costs	
Matching Funds (Landowner)	\$35,000.00
Grant Funding Requested for Restoration	\$88,646.20
Total Restoration Costs	\$123,646.20
Total Project Amount Requested	<b>\$588,646.20</b>
HQT Metrics	
Raw HQT Score - Credits before baseline	70,257.92
New FxA?	Yes
New FxA Credits	286.43
Credits after 40% Baseline	26,957.43
<b>Total Grant Amount allowed using \$13/credit-using 3% NPV</b>	<b>\$294,377.52</b>
Average Cost of \$13 Credit with application of 3% NPV over 100 years	\$9.78
Application of Multipliers for Distance to Leks	
Core Area or General Habitat Leks within 4/2 miles	11
Credits Generated from Multipliers	66,792.73
HQT Results with Application of Multipliers	
New FxA Credits	286.43
Credits before baseline	137,337.09
Credits after 40% Baseline	57,201.15
<b>Total Grant Amount allowed using \$13/credit-using 3% NPV + Multipliers</b>	<b>\$561,504.20</b>
Metrics per Physical Acre per Year	
Fx Acres Gained (Raw HQT Score)	0.381
Total Credits (no multipliers)	0.163
Total Credits (with multipliers)	0.310
Metrics Based on Proposed Grant Requested Amount	
<b>Total Amount Requested</b>	<b>\$588,646.20+ CD Fees</b>
Base Cost/credit per requested amount	\$26.20
Average Cost/Credit per requested amount with application of 3% NPV over 20/25 years	\$19.55
With Application of Lek Multipliers	
Base Cost/credit per requested amount	\$13.79
Average Cost/Credit per requested amount with application of 3% NPV over 20/25 years	\$10.29



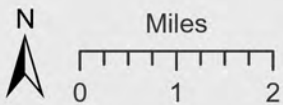
# Surrounding Land Ownership

## Habitat Benefits

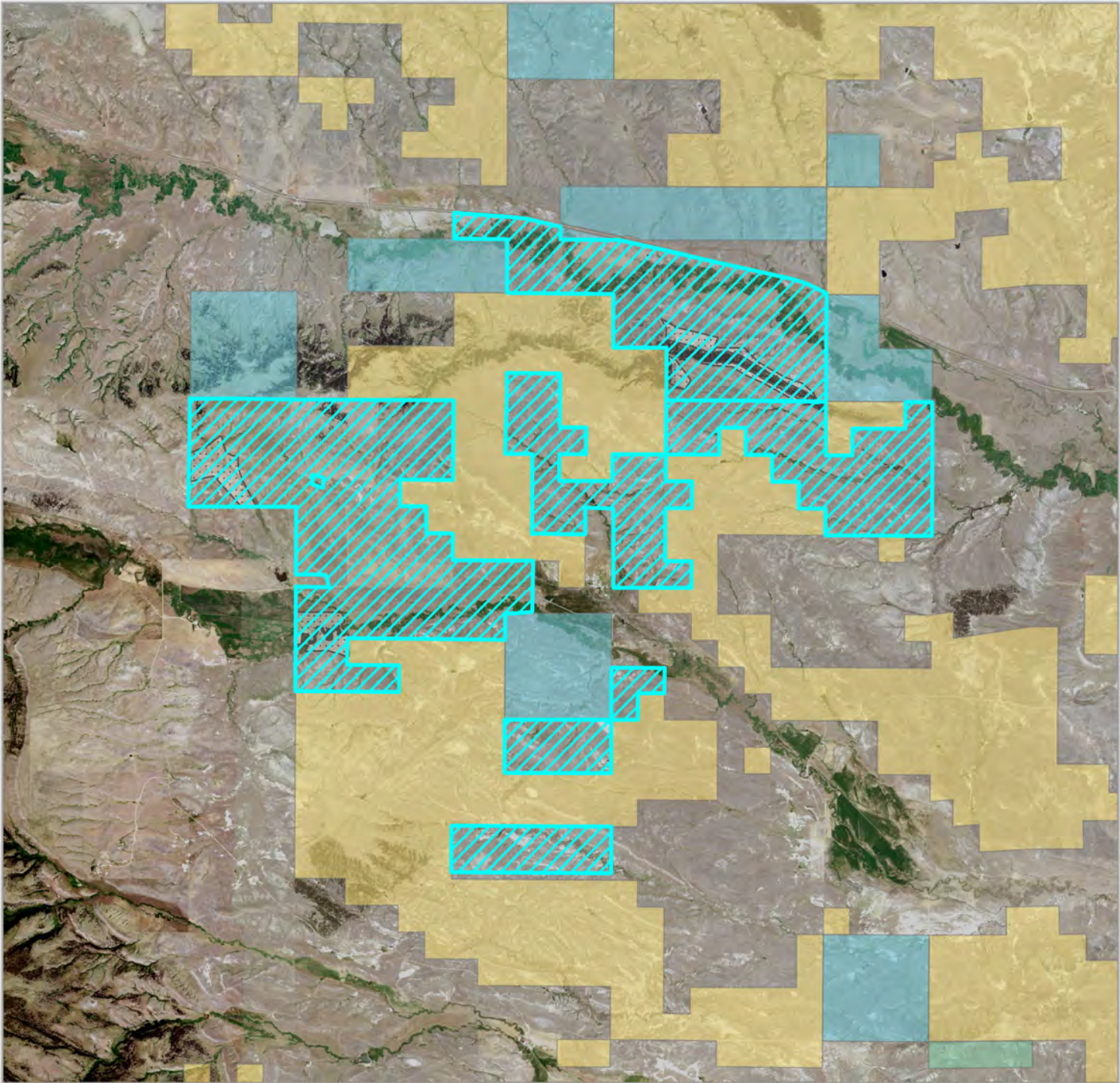
-  Preservation Lease
-  Restoration

## Ownership

-  US Bureau of Land Management
-  Montana State Trust Lands
-  US Fish and Wildlife Service




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

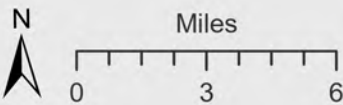
## Distance From Project

 2 Miles (5 Leks)

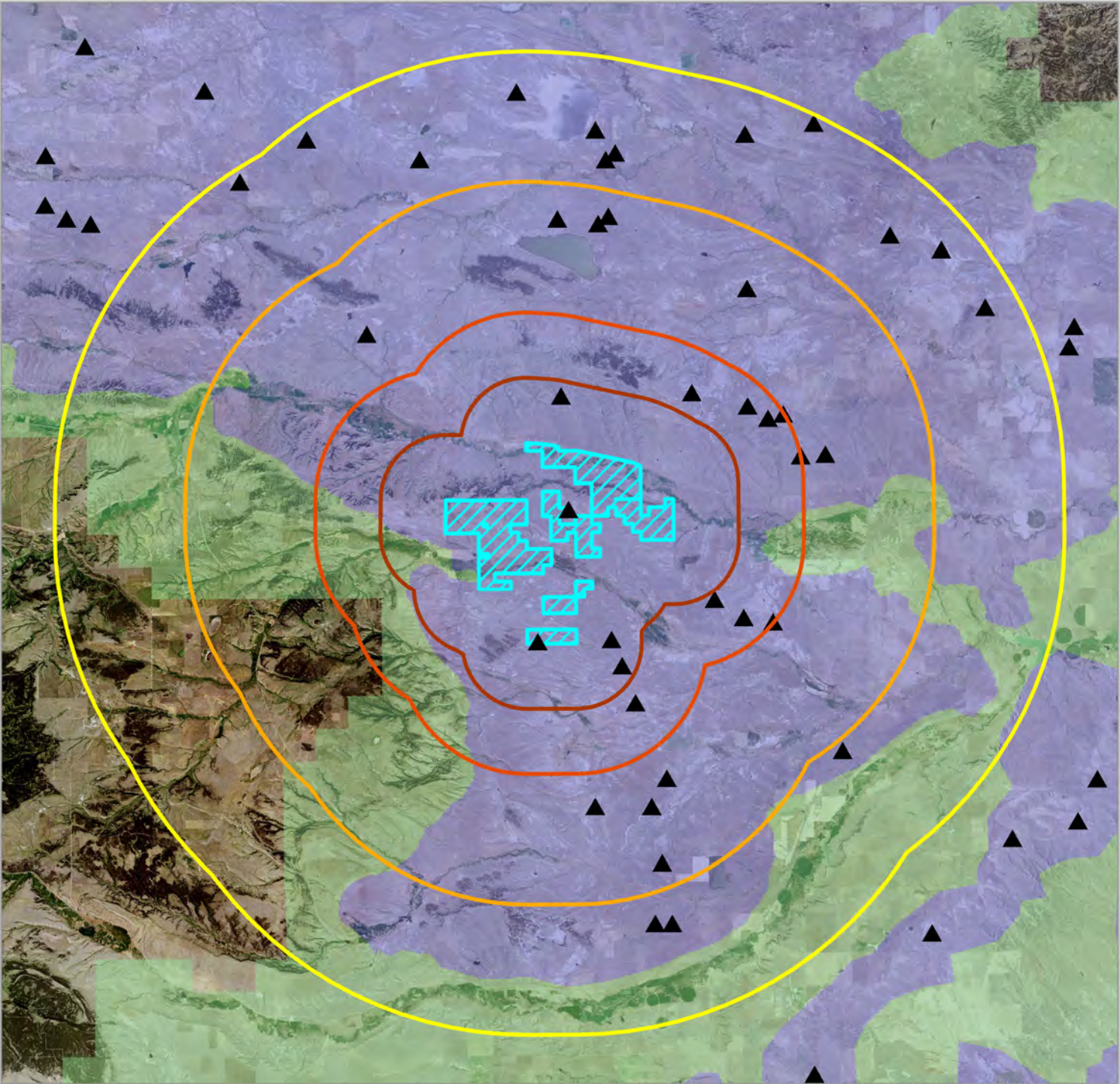
 4 Miles (12 Leks)

 8 Miles (24 Leks)

 12 Miles (39 Leks)




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## Surrounding Disturbances


### Project Information


 Stewardship Application


 12 Mile Buffer


### Disturbance Type


 Contig. Cult. Lands


 Cropland


 Livestock Area


 Fire/Burn Area


 Storage Site


 Gravel Pit


 Major Pipeline


 Ag. Water


 Stock Pond


 Transmission


 Oil/Gas


 Communication

 Transportation

 Building/Structure

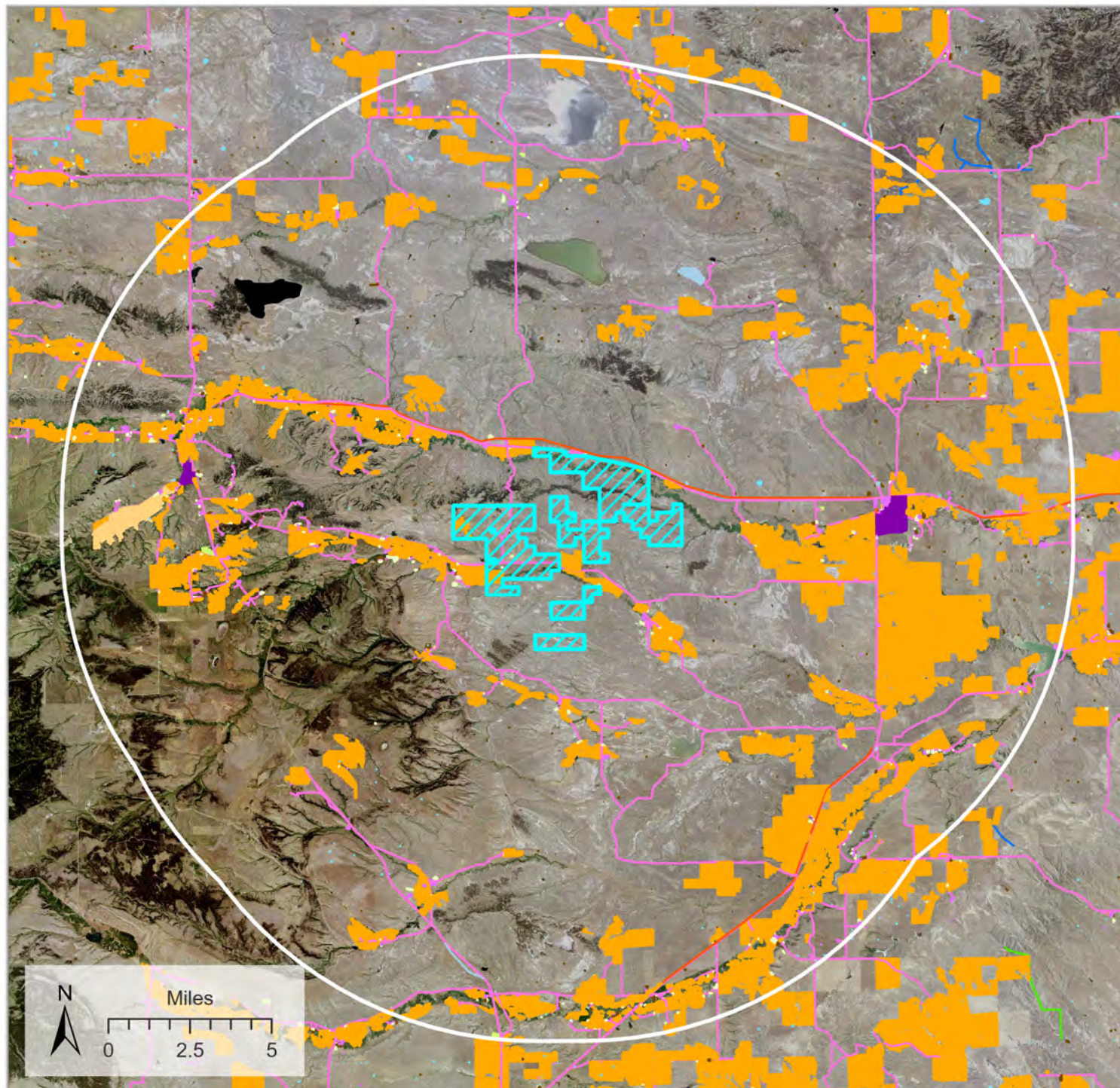
 Subdivision

 Urban

 Unknown/Other




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# Stewardship Application's Proximity to Other Applications

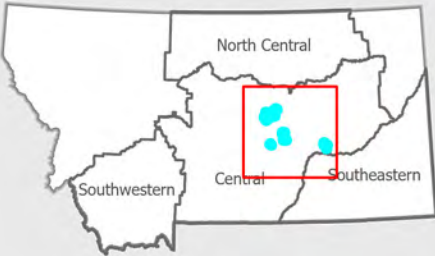
## Project Information

 Stewardship Application

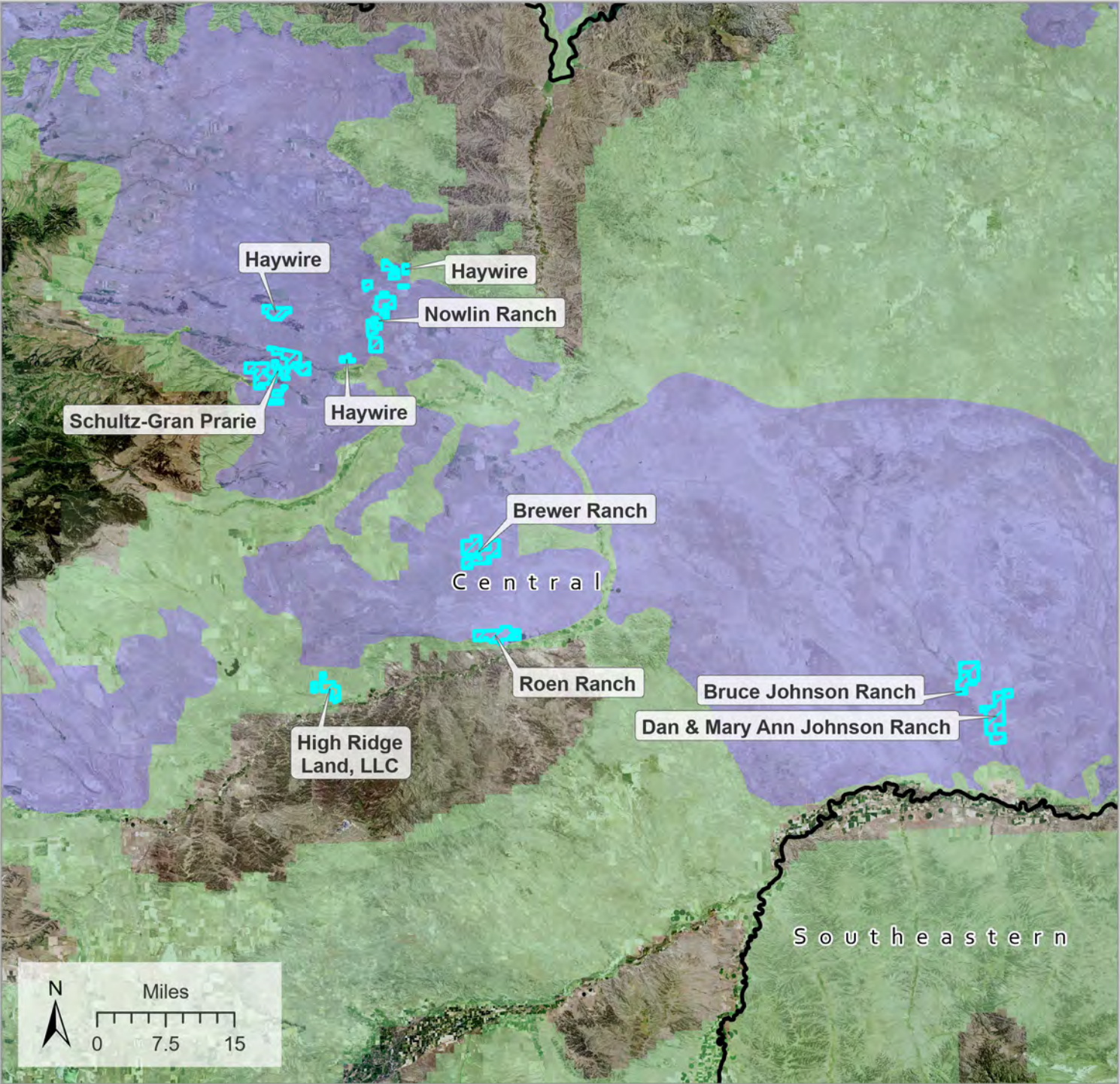
## Habitat Designation

 EO-Core Area

 EO-General Habitat




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# Stewardship Application's Proximity to Closed Stewardship Grants


## Project Information

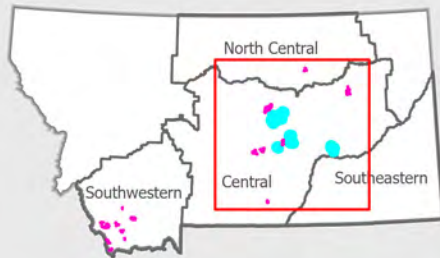
 Stewardship Application

 Closed Stewardship Grant

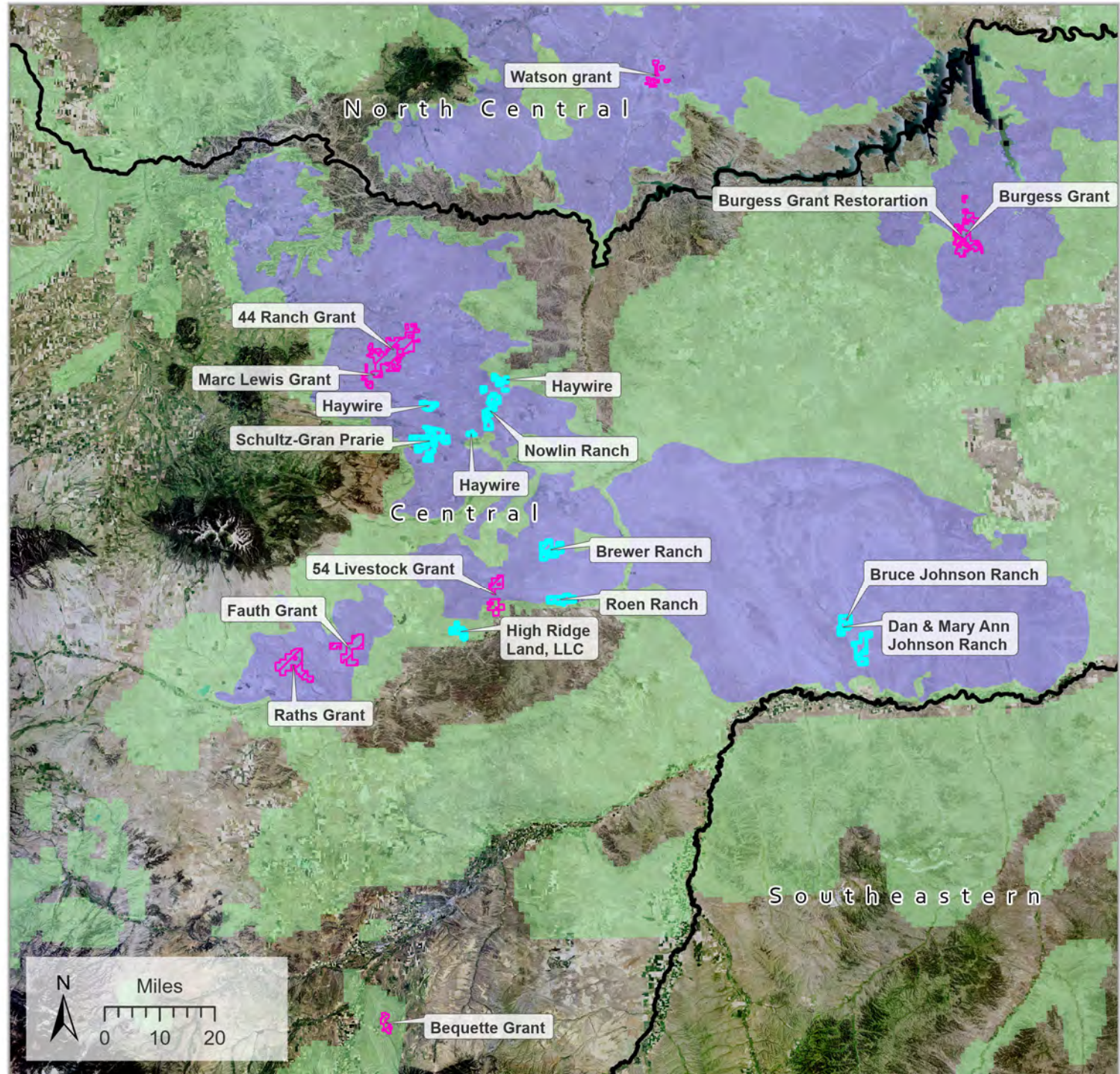
## Habitat Designation

 EO-Core Area

 EO-General Habitat



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# 4736 - Schultz-Gran Prairie Term Lease (Preservation - Public Lands Excluded)

