

PINEDALE ANTICLINE PROJECT OFFICE (PAPO)

1625 West Pine
PO Box 768
Pinedale, Wyoming 82941
Attention: Project Coordinator 307-367-5386
Eric G. Decker: egdecker@blm.gov

2014 PAPO APPLICATION FOR FUNDING (Deadline for applicants is October 31, 2013 - use additional sheets if necessary)

1. GENERAL PROJECT INFORMATION

Project Name: Basin Reservoir Improvement and Habitat Enhancement

General Location (distance and direction from nearest city/town, attach map at a scale not less than 1/2" = 1 mile):

Approximately 4 miles West of Pinedale; 2 miles South of the Cora Junction

Legal Location of Project (attach map at a scale not less than 1 inch = 2,000 feet).

Township: T33N

Range: R110W

Section(s): 2, 11

County: Sublette

Surface Ownership (check all that apply): Federal State Private

**If project includes a mosaic of land ownerships (e.g., mix of federal, state and/or fee lands), provide a breakdown for each specific owner by acres and percent of total project area.

Contact Information for Affected Parties or Agencies:

2. APPLICANT INFORMATION

Name/Organization: Garly Swain, Mesa Permittee; Joe Budd, WDA

Mailing Address: P.O. Box 214; P.O. Box 768

City: Pinedale *State:* WY *Zip Code :* 82941

Daytime Phone # (307) 360-8884; (307) 367-5378 *Fax #*

Email Address: gswain1@centurylink.net; joe.budd@wyo.gov

Point of Contact (if different from above)

3. PROJECT DESCRIPTION

General Project Type (check all that apply):

Land Use/Livestock X

Land Use/Recreation

Cultural

Wildlife/Aquatic X

Air

Other

Describe Project Proposal (e.g., mechanical treatment, water improvement, etc.)

This project would involve drilling and outfitting a water well to maintain water levels in a previously constructed reservoir. In addition to filling the reservoir and expanding the green zone around it, water tanks would be installed for wildlife and cattle use. The number of tanks will be dependent upon how much water the well produces. At this time, it is expected that two tanks would be possible but may not be necessary. Further determination of this will be made in conjunction with BLM engineering as the well is developed. Excess water from either the reservoir or tank(s) will be piped to a nearby drainage to create green zones for wildlife. Experimental rock check dams could be placed in the drainage to additionally slow water flow from surrounding topography and further enhance green zones but will depend on water availability and the amount of overland flow. A bentonite treatment may also be completed to improve water holding capabilities of the reservoir. In addition, forbs may be seeded into the drainages in an effort to increase wildlife habitat and food sources. The forb plantings will be dependent upon how much money is available for seed after drilling and outfitting the well.

Total Project Acres (if applicable) Total disturbance for construction would be less than 1 acre. Anticipated green zones around the reservoir itself could be up to 4 acres.

Acres Indirectly Affected (if applicable, explain) The anticipated green zone created by overflow from the watering tank(s) could be up to 5 acres. This long narrow green zone would provide important seasonal habitat and feed to sage grouse and may be beneficial to wintering/migrating big game as well as other sensitive species. The entire grazing allotment could be indirectly effected by the additional water source. The total acreage that would be indirectly affected is approximately 56,000.

4. A. WHAT ARE THE OBJECTIVES OF THE PROJECT?

Enhance habitat(s) around the reservoir and provide additional watering and food sources for wildlife and livestock.

**B. HOW DOES THE PROJECT MEET THE PAPO STRATEGIC PLAN GOALS?
(please refer to the PAPO 2014 Ranking Score Sheet – link is on PAPO website)**

Specifically relates to Goals 1 and 2 (Wildlife)

C. HOW DOES THE PROJECT MEET THE 2014 PAPO PRIORITIES? (please refer to the PAPO 2014 Ranking Score Sheet)

Mitigates for impacts to current high priority species as well as impacts to matrix listed species (Priorities 1 and 2)

5. WHAT ARE THE DIRECT AND/OR INDIRECT EFFECTS ON OTHER RESOURCES?

This project could indirectly affect the way the area is used by livestock and wildlife. It could increase the size of the “stop-over” area for migrating big game and has the potential to provide crucial seasonal

feed and habitat for numerous species along with changing the use patterns of the grazing allotment and improve utilization of the resources.

6. WHAT IS THE POTENTIAL FOR FUTURE EXPANSION OF THE PROJECT?

There is limited potential for future expansion. It is possible that filling the reservoir would create opportunities to create additional green zones in the future. Other future expansions of the project may include planting desirable species in the green zones for wildlife or rock check dams.

7. LIST ALL PROJECT PARTNERS/COOPERATORS, THEIR ROLES AND/OR CONTRIBUTIONS:

Wyoming Department of Agriculture – project proposal and development
 Tony Howard – BLM Range Con.- project proposal and development
 Pinedale Field Office –potential contributor
 Mesa Livestock Operators – project development and contributors
 WY Wildlife The Foundation (WY Governor’s Big Game License Coalition-potential contributor)

8. PROJECT MONITORING AND REPORTING: (Describe how monitoring and reporting will be done, and how it relates to the objectives)

Monitoring of the project will be done by the BLM and PAPO during the process and after completion. Monitoring will mainly be limited to before and after photos. Indirectly, big game, sage grouse and other species will be monitored according to BLM and Game & Fish protocols. There may be some change in concentration of different species as areas become more productive and attractive to animals but that will be determined through regular monitoring.

9. RESEARCH POTENTIAL: (Describe research potential of the project)

Limited. The creation of green zones may provide some opportunities to research sage grouse activities and help to further understand the importance of green zones and mesic sites during different lifestages. Planting of desirable plant species may provide some information on the successfulness of planting practices for this area.

10. PERMITS AND AUTHORIZATIONS REQUIRED PRIOR TO PROJECT IMPLEMENTATION (including but not necessarily limited to the following):

PERMIT OR AUTHORIZATION	REQUIRED		SUBMITTED		APPROVED	
	Yes	No	Yes	No	Yes	No
Cultural Resource Inventory	X					
COE Section 404 Permit		X				
Cooperative Agreement(s)	X					
NEPA Analysis	X					
Pesticide Application Permit		X				
Private Landowner Agreement(s)		X				
Sensitive Species Clearance		X				
Surface/Ground Water Permits	X					
T/E Species Clearance		X				

Other (explain) DDCT not required for this project but was completed (See attachments)

11. TOTAL PROJECT COST (Attach detailed budget)

Project Planning and Design	\$ <u>10,000</u>
Project Implementation	\$ <u>73,500</u>
Project Operation and Maintenance	\$ <u>6,500</u>
Total Required	\$ <u>90,000</u>

<u>Funding</u>	<u>Expenses</u>
WBGGLC..... \$15,000.00	Project Planning..... \$10,000.00 (contractors, NEPA, etc)
Livestock Operators' Fund..... \$20,000.00	Well Drilling..... \$25,000.00 (approx. 420 ft @ \$60/ft)
PAPO..... \$40,000.00	Tire Tanks/Installation..... \$18,500.00 (cost of tanks, full installation)
BLM 8100 Funds..... \$15,000.00	Solar System/Install..... \$25,000.00 (cost of system, full installation)
	Reservoir Maintenance..... \$ 6,500.00 (bentonite, req'd maint.)
	Other Materials/Costs..... \$ 5,000.00 (unforeseen costs, pipe, etc)
TOTAL: \$90,000.00	TOTAL: \$90,000.00

12. MATCHING FUNDS ANTICIPATED IN CASH (list source and amount)

Governor's Big Game License Coalition.....	\$15,000 (applied for, review in Feb.)
Livestock Operator's Fund.....	\$20,000 (anticipated)
BLM 8100 Funds.....	\$15,000 (anticipated)

13. ANTICIPATED "IN KIND" MATCHING FUNDS (list source, valuation, and valuation method)

14. PERCENTAGE OF FUNDING ON HAND OR COMMITTED

56% (EXPECTED)

15. TOTAL PAPO FUNDING REQUESTED: \$ 40,000 (44%)

16. EXPECTED/ANTICIPATED LIFE OF PROJECT (LOP)

Perpetual _____ > 50 Years X 25-50 Years _____ < 25 Years _____

Explain Basis for Projected LOP: Project lifespan is only limited by the amount of time that the facilities will remain functional. For example, tire tanks will eventually corrode along with other parts

of the project. This is not expected to happen for 100+ years.

17. PROJECT TIMELINE AND ESTIMATED COMPLETION DATE. Explain

Project would begin next spring or fall (2014) and construction would be completed as quickly as possible. Timing is an important part of completion and all working windows (Sage Grouse, etc.) will be followed and scheduled around. NEPA is anticipated to move very quickly and would be completed before construction.

18. ATTACHMENTS AND SUPPORTING DOCUMENTATION

Map of Project	<u> X </u>	(at a scale not less than 1 inch = 2,000 feet)
Project Design	<u> X </u>	
Letters of Support	<u> </u>	
Management Plan	<u> </u>	Long Term <u> </u> Short Term <u> </u> ¹
Monitoring Plan	<u> </u>	Long Term <u> </u> Short Term <u> </u> ¹
Relevant Past Experience	<u> </u>	Other <u> </u> Explain:

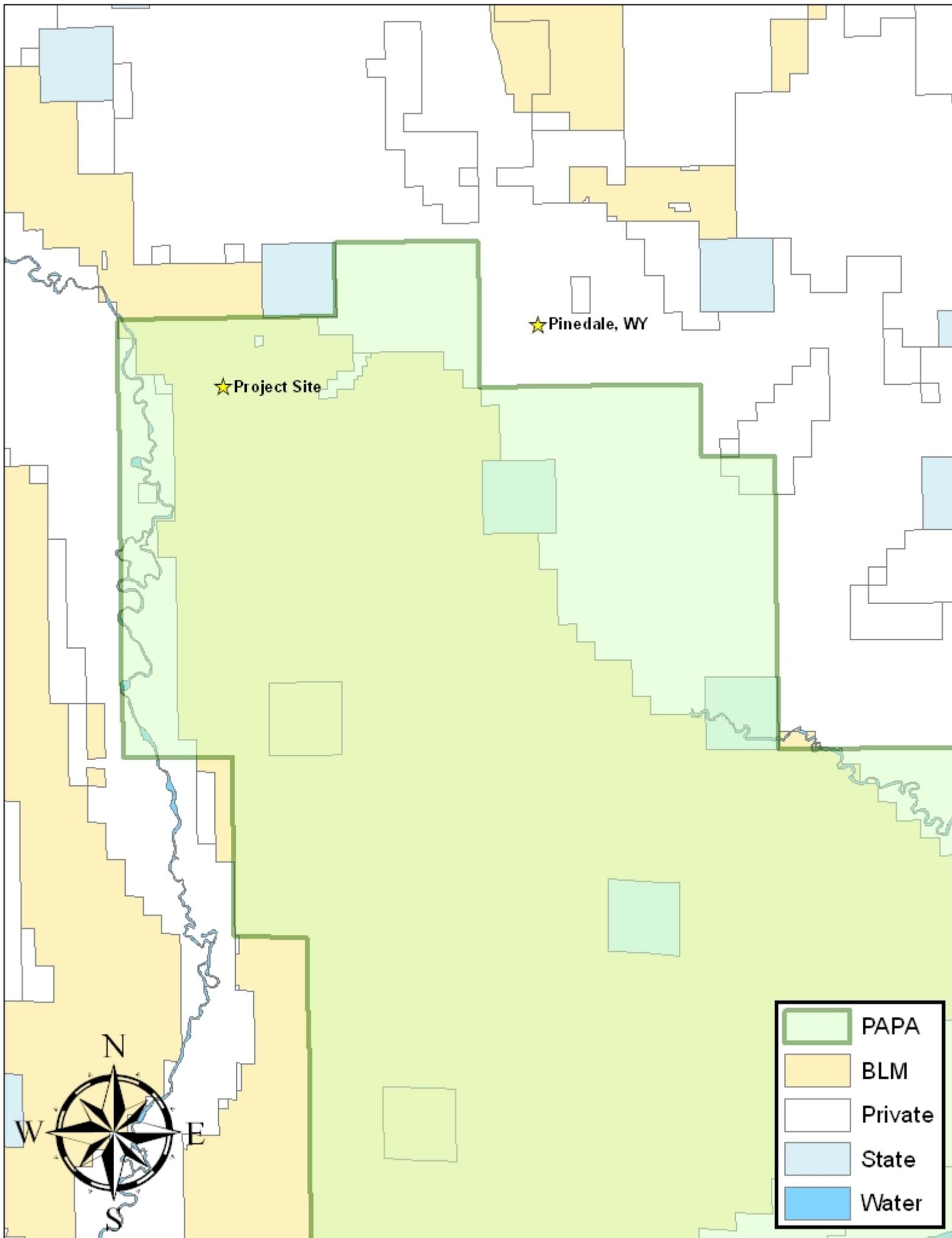
¹ Long term is defined as greater than (>) 5 years; short term is less than (<) 5 years.

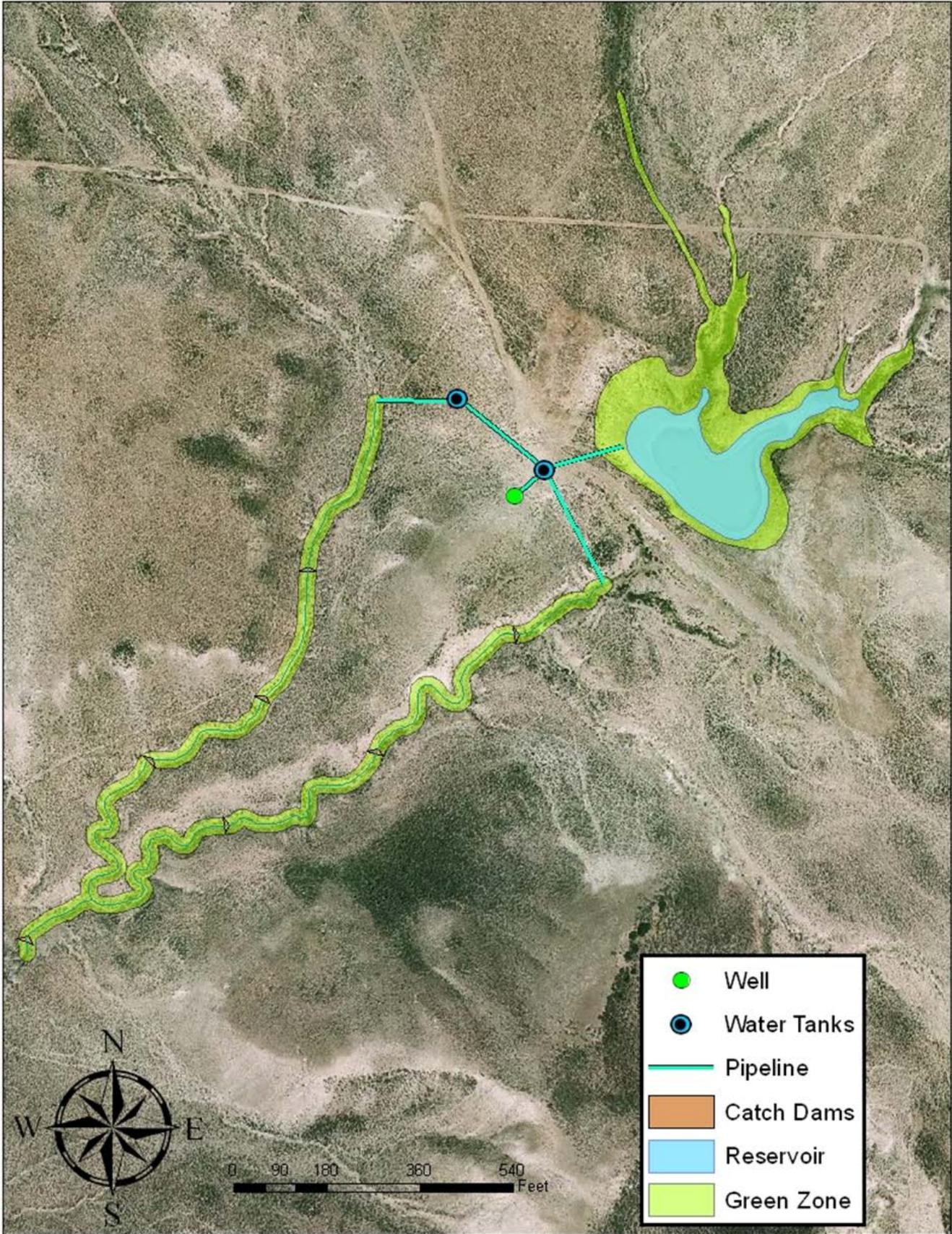
19. ADDITIONAL INFORMATION FOR PAPO CONSIDERATION

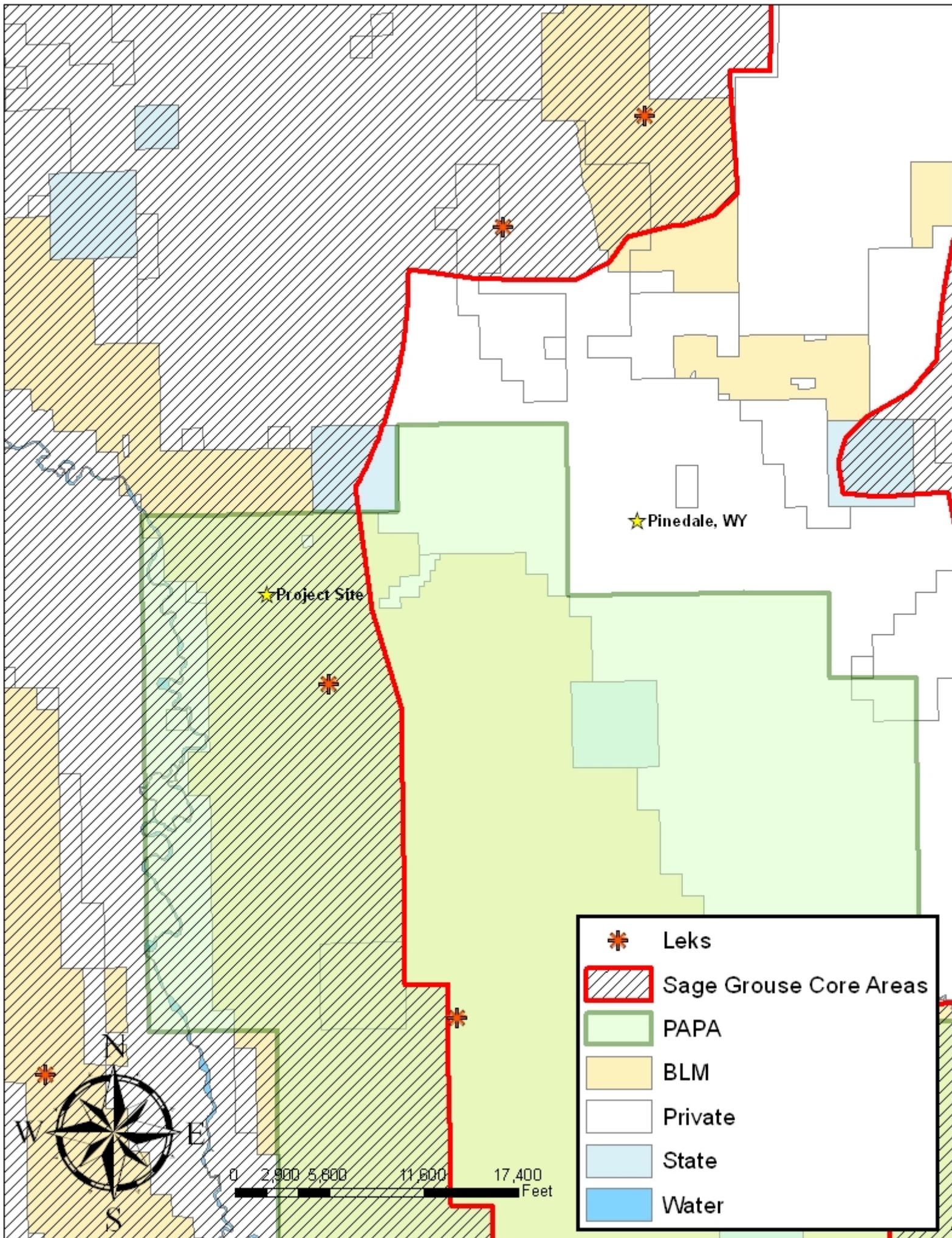
This project is considered exempt from projects that require a DDCT to be performed for compliance with the Governor's Sage Grouse Plan. However, a DDCT was run for the area and the preliminary results can be found attached this application.

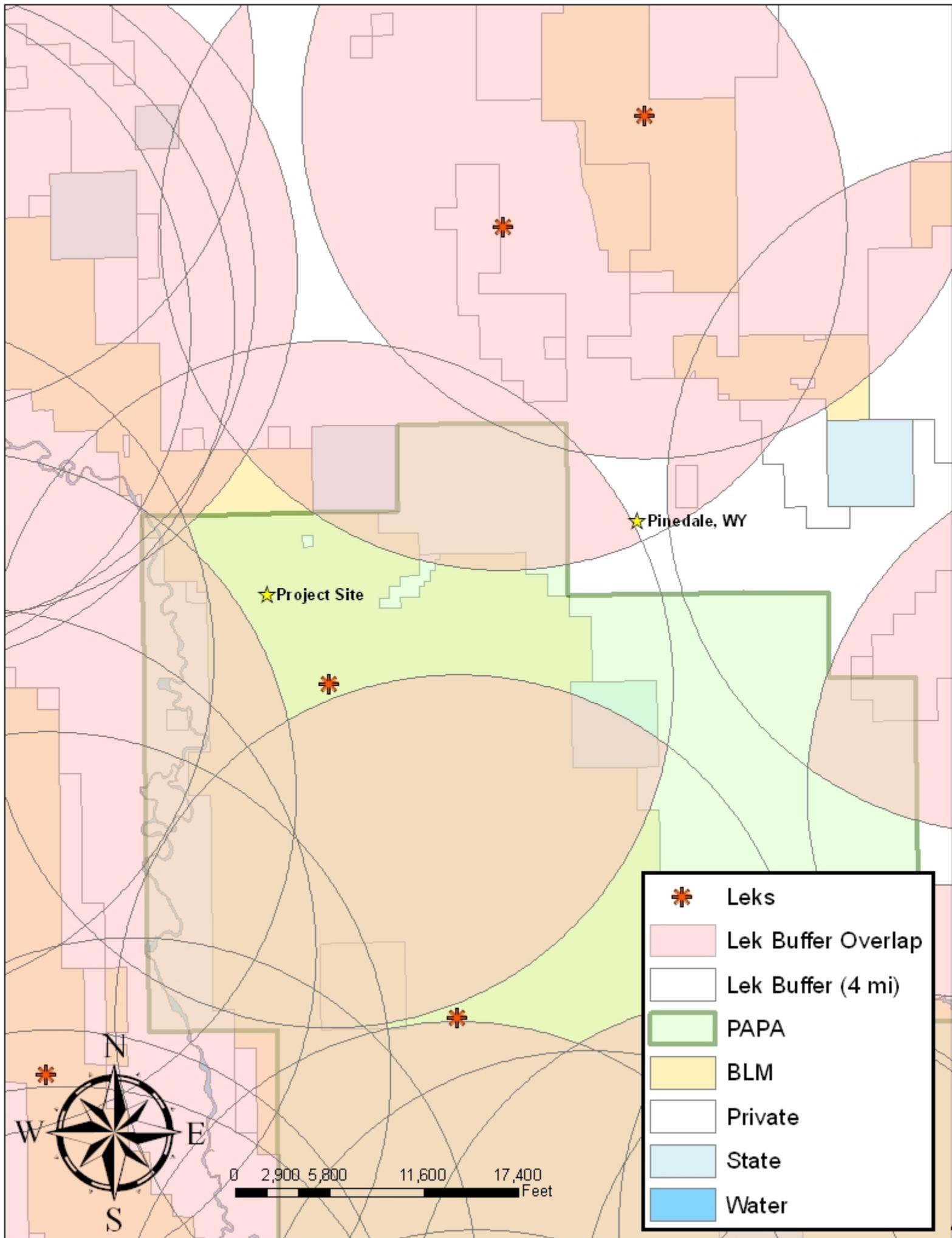
Please reference the attached maps showing wildlife use of the area and the anticipated results of this project.

Not only is this project within the PAPA boundaries, it has the potential to directly benefit numerous species and groups from ranchers to recreationists. The possible benefits will directly mitigate for sage grouse and mule deer as well as many sensitive species as outlined in the WMMM.









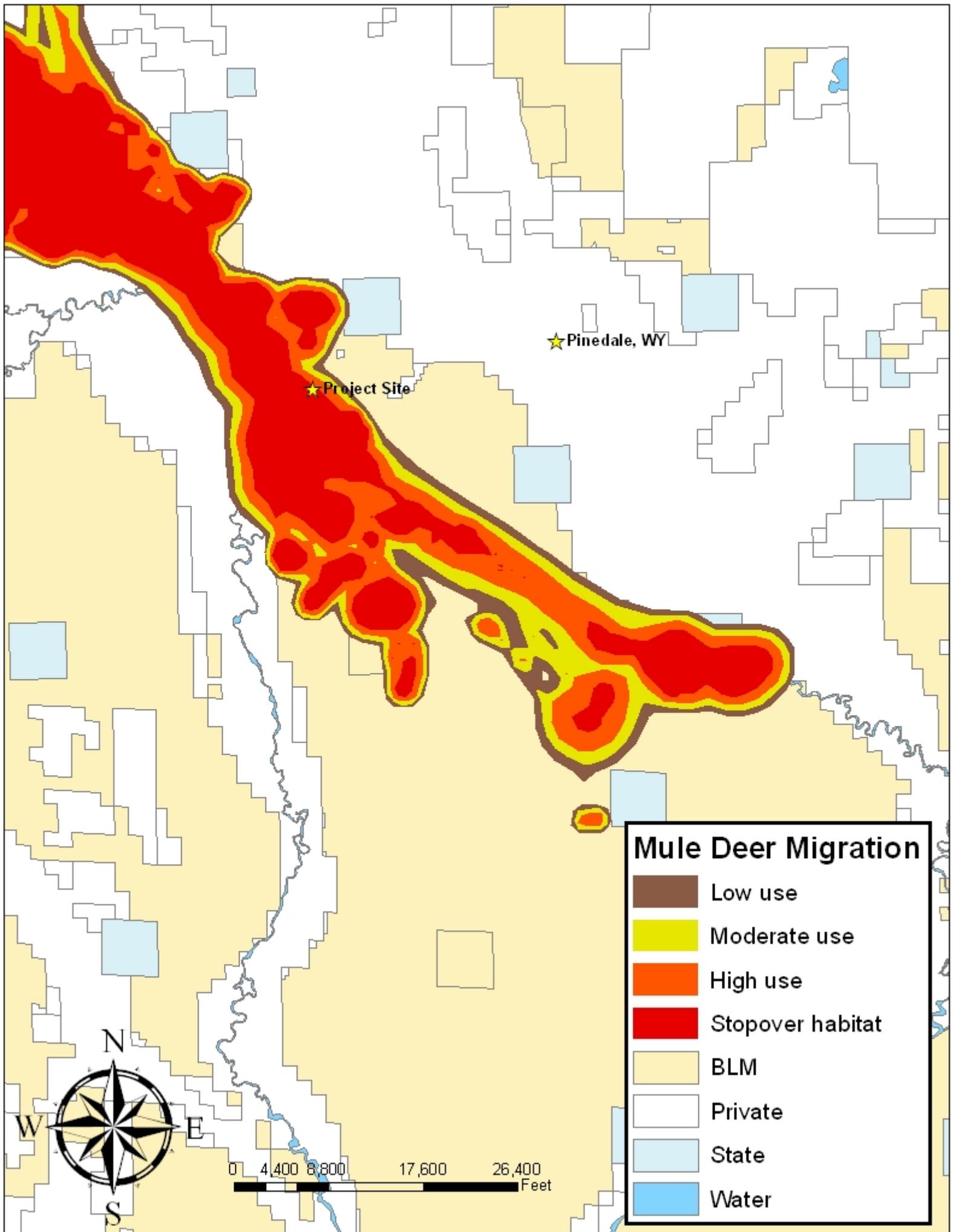
★ Project Site

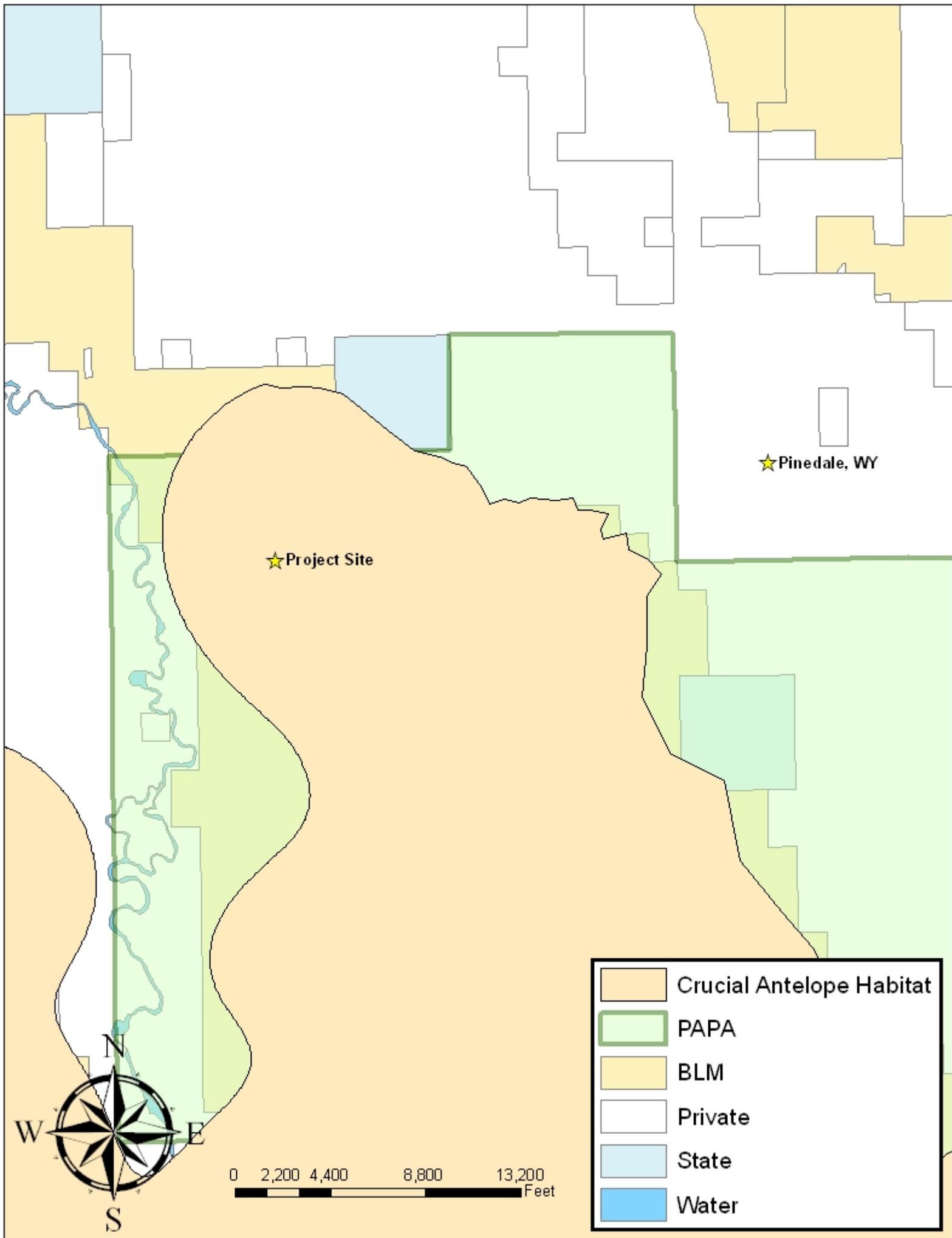
★ Pinedale, WY

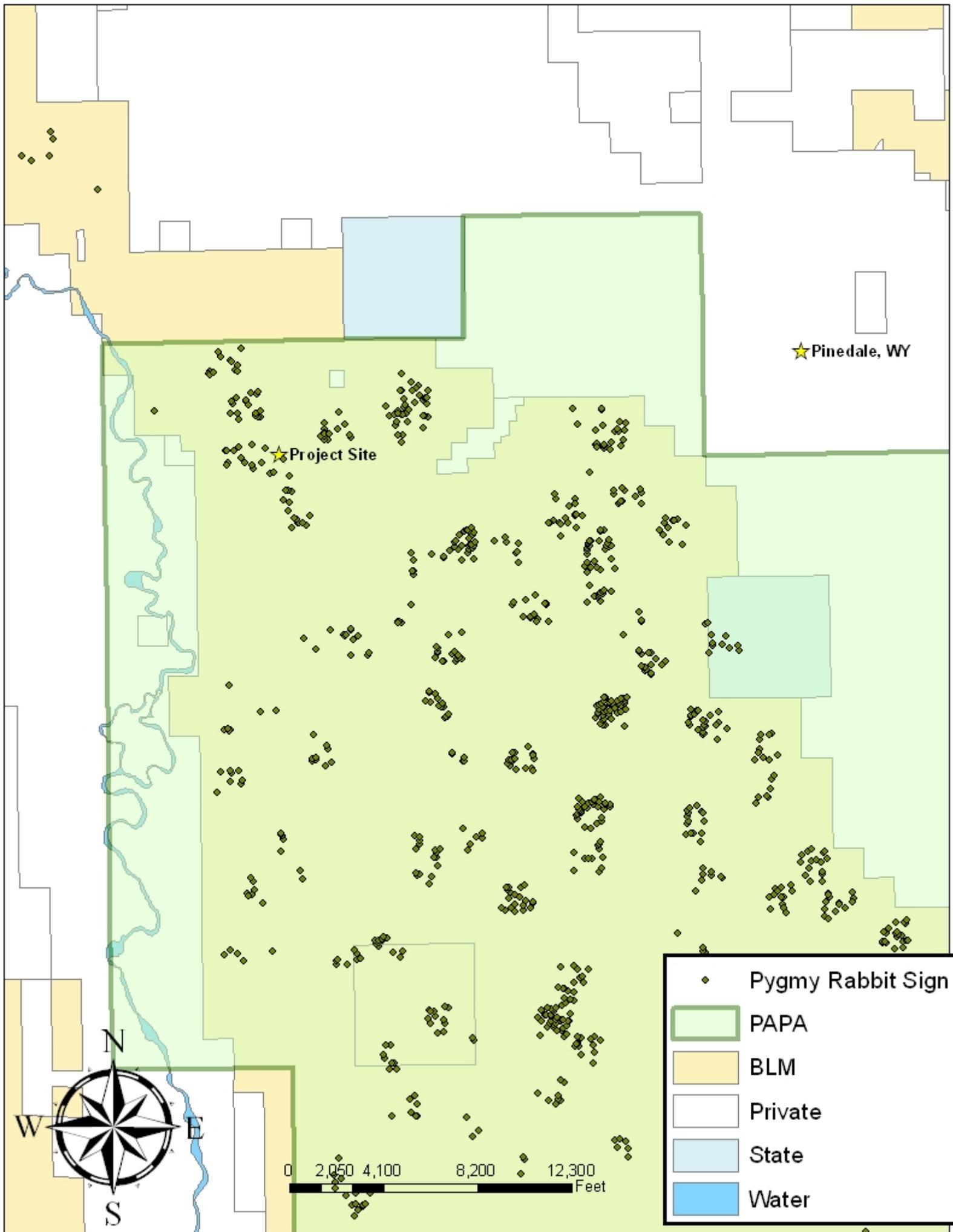
- ★ Leks
- ◻ Lek Buffer Overlap
- ◻ Lek Buffer (4 mi)
- ◻ PAPA
- ◻ BLM
- ◻ Private
- ◻ State
- ◻ Water

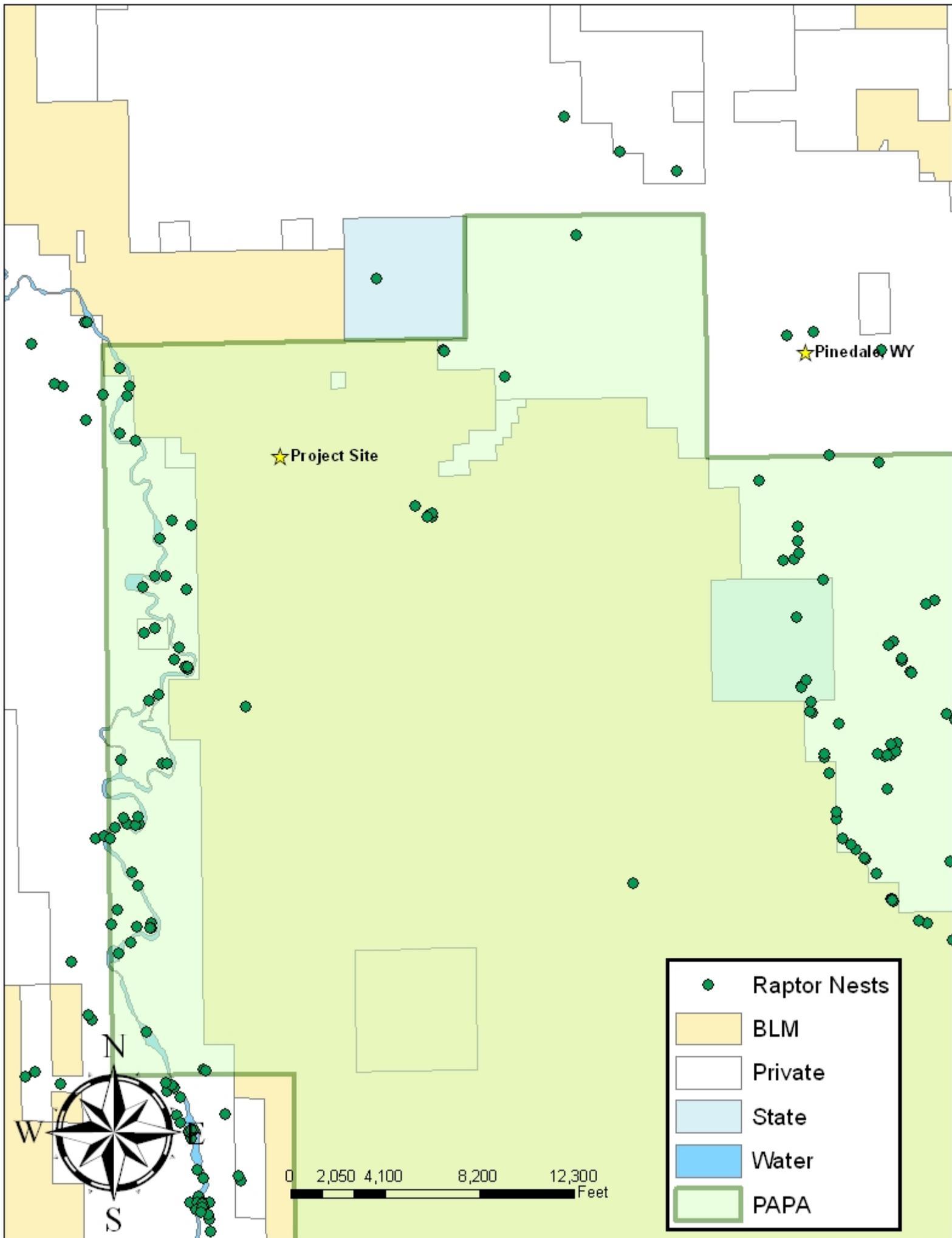
0 2,900 5,800 11,600 17,400 Feet

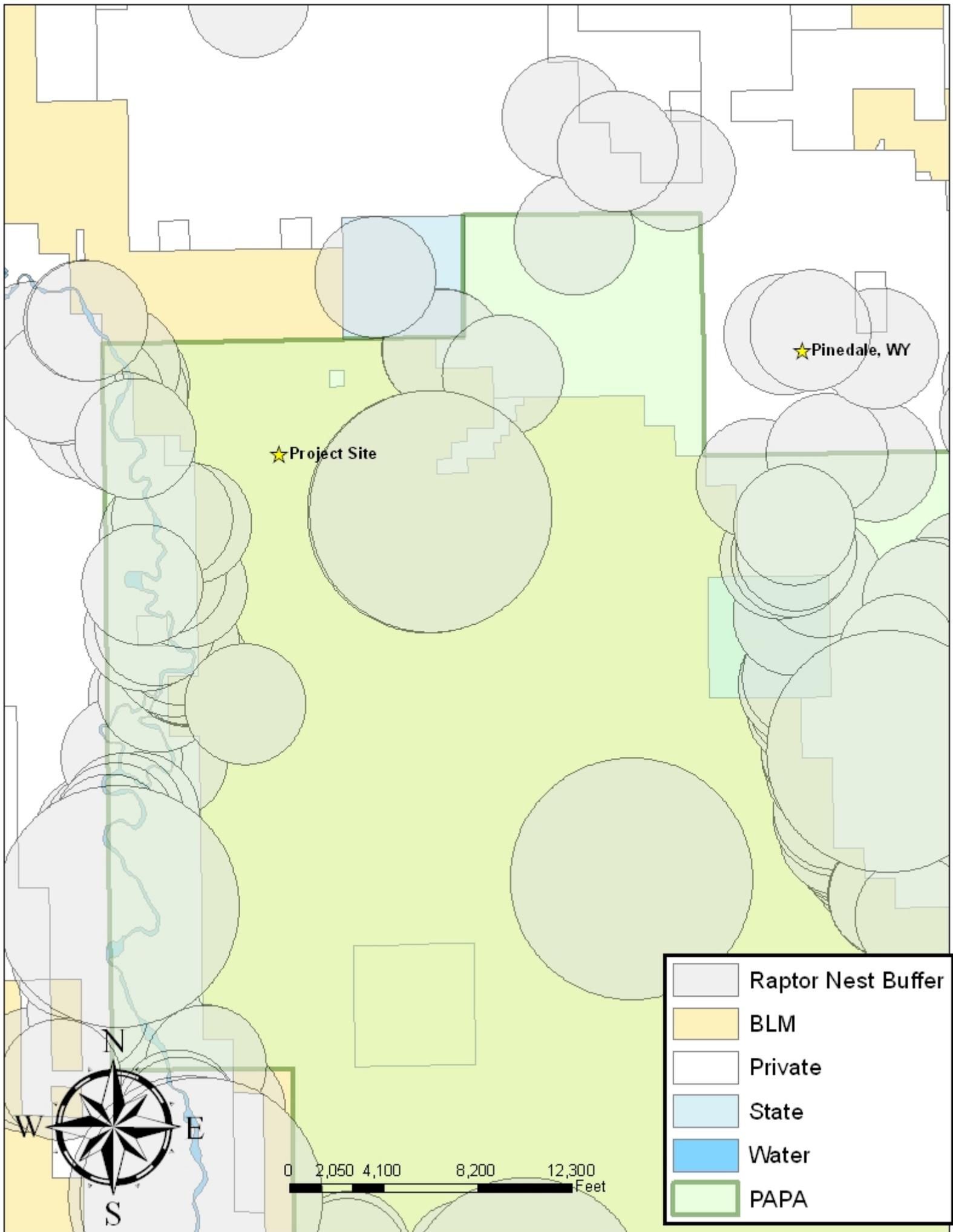












Core Area: Daniel

Category	Acres	Percent
Overall DDCT Boundary	26,086.45	100
Total Disturbed	649.51	2.49
Total Undisturbed	25,436.94	97.51
Disturbed - Project Only	0.49	0.00
Disturbed - Preliminary Only	7.00	0.03
Disturbed - Existing Only	642.02	2.46
Disruptions	0.02 Dis/640 Ac	

Owner	Total Acres	Pre-Acres	Pre-Percent	Post-Acres	Post-Percent
Bureau of Land Management	12,644.97	556.83	4.40	557.32	4.41
Private	12,792.45	86.86	0.68	86.86	0.68
State	408.36	5.01	1.23	5.01	1.23
Water	240.67	0.32	0.13	0.32	0.13
Bureau of Land Management	12,644.97	556.83	4.40	557.32	4.41
Private	12,792.45	86.86	0.68	86.86	0.68
State	408.36	5.01	1.23	5.01	1.23
Water	240.67	0.32	0.13	0.32	0.13

LekID	Total Acres	Pre-Acres	Pre-Percent	Post-Acres	Post-Percent
D-Tyler Draw North	20,326.70	591.25	2.91	591.74	2.91
D-Tyler Draw North	20,326.70	591.25	2.91	591.74	2.91

