

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP COMMITTEE
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number:	15-213
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PROJECT INFORMATION

Project Title: Anderson Mesa Grassland Restoration Project: Archeological Survey for Anderson Canyon Unit and Corridor Unit

Region and Game Management Unit: Region II, GMU 5BN

Local Habitat Partnership Committee (LHPC): <ul style="list-style-type: none"> • Flagstaff /Williams • FRSG 	Was the project presented to the LHPC? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
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Has this project been submitted in previous years? YES NO
If Yes, was it funded? YES NO → **Funded HPC Project #(s):**

Project Type: Archeological Surveys needed to complete Grassland Restoration and Initial treatment of conifer removal

Brief Project Summary: We propose to complete additional archeological surveys on 85 acres in the Anderson Canyon Unit and 60 acres in the Corridor Unit (total of 145 acres) necessary for SHPO compliance before we can begin the implementation of vegetation treatments as described in the Bar T Bar and Anderson Springs Allotment Management Plans (EIS) signed February 2005.

Big Game Wildlife Species to Benefit: Elk, Mule Deer, Pronghorn Antelope

Implementation Schedule (Month/Day/Year): <u>Project Start Date:</u> 2/1/2016 <u>Project End Date:</u> 10/1/2018	Environmental Compliance: NEPA Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> <u>Projected Completion Date:</u> February 3, 2005 State Historic Preservation Office - Archaeological Clearance: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> <u>Projected Completion Date:</u> _____ Arizona Game and Fish Department EA Checklist: N/A <input checked="" type="checkbox"/> To be Completed by: _____ <u>Projected Completion Date:</u> _____
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PROJECT FUNDING

Special Big Game License Tag Funds Requested:	\$ 8,000.00
Cost Share or Matching Funds:	\$ 2,000.00
Total Project Costs:	\$ 10,000.00

PARTICIPANT INFORMATION

Applicant (please print): Mandy Ball	Address: 5075 N. Hwy 89 Flagstaff AZ, 86004	E-mail: amandaball@fs.fed.us
Telephone: (928) 527-8263		Date: 8/28/15

AGFD Contact and Phone No. (If applicant is not AGFD personnel):
Steve Cassady, LRPS (928) 214-1270

Project has been coordinated with:
Flying M Ranch (Kit Metzger)

NEED STATEMENT – PROBLEM ANALYSIS:

There is a need to complete additional archeological surveys to meet the 25% survey requirement as agreed upon by the Coconino National Forest and SHPO before we can implement vegetation treatments described in the 2005 Bar T Bar and Anderson Springs EIS.

PROJECT OBJECTIVES:

Comply with SHPO prior to implementation of vegetation treatments by surveying for and documenting archeological sites within Anderson Canyon and Corridor treatment units.

PROJECT DESCRIPTION AND STRATEGIES:

This project is part of a larger landscape level approach to improve and restore grassland habitat on Anderson Mesa, Coconino National Forest- Flagstaff Ranger District as described in the Bar T Bar and Anderson Springs EIS (02/2005). The goal of this EIS is to restore the grassland ecosystem by removing encroaching Juniper and Pinyon Pine from areas that were previously meadows and open grasslands. Vegetation treatments will benefit native perennial grass species and browse species as well as large game species including elk, pronghorn and mule deer.

Compliance with SHPO is necessary in order to implement vegetation treatments. Within the Anderson Canyon Unit, 63 acres of archaeological survey have been completed; an additional 85 acres of survey are needed for SHPO compliance. Within the Corridor Unit, 2 acres of archaeological survey have been completed; an additional 60 acres of survey are needed for SHPO compliance.

PROJECT LOCATION:

- 1) **Anderson Canyon Unit – approximately 376 acres; located in section 6, T18N, R11E, and sections 1 and 12, T18N R10E.**
- 2) **Corridor Unit – approximately 221 acres; located in section 20, 29 and 30 T18N, R11E. Unit runs from Antelope Tank on Anderson Mesa to Olin Tank below Anderson Mesa and has been identified as a critical pronghorn corridor between winter and summer range. .**

LAND OWNERSHIP AT THE PROJECT SITE(S):

(if the project area is private property, please state specifically and provide the landowner's name)

- Forest Service (administered by Coconino NF)

IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

YES[] NO[] N/A[]

HABITAT DESCRIPTION: Both the Anderson Canyon Unit and the Corridor Unit consist of Pinyon Juniper Grassland, Great Basin Grassland and Pinyon Juniper Woodland.

ITEMIZED USE OF FUNDS:

HPC Funds			
Personnel	Daily Rate	Days	Total
Contractor	\$600.00	10	\$6,000.00
Steve Cassady	\$240.00	2	\$480.00
Total			\$6,480.00
Cost Per Acre			\$45.00
USFS Funds	Daily Rate	Days	Total
Archeologist	\$382.00	5	1,910.00
Total			\$1,910.00
Combined Total			\$8,390.00
Combined cost Per acre			\$58.00

Special Big Game License Tag Funds

Approximately 77% of total project cost to survey 145 acres = \$6,000

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

From USDA Forest Service approximately 23% of total project cost to survey 145 acres = \$1,910

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

USDA – Forest Service, Coconino National Forest – funding and Heritage Clearance
 Region II Arizona Game and Fish Department – Write up contract for archeological survey

WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?

YES[] NO[X] N/A[]

PROJECT MONITORING PLAN:

N/A

PROJECT MAINTENANCE:

N/A

PROJECT COMPLETION REPORT TO BE FILED BY:

USFS and/or AGFD Region II LRPS

WATER DEVELOPMENT PROJECTS (please use the worksheet below):

N/A

TREE CLEARING/REMOVAL PROJECTS (please use the worksheet below):

N/A

ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET

PROJECT TITLE: Bar T Bar and Anderson Springs Allotment Management Plans (EIS): Archeological Survey for Anderson Canyon Unit and Corridor Unit

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**
2-4 4-6 6-8 8-10 10-12 12-14 14-16 >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**

YES (please complete #5 below) NO (skip #5 below)
- 5) **For the accessible, perennial water source nearest this project:**
Name of water source:
Type of water source (catchment, spring, dirt tank):
Ownership of water source:
Distance in miles from project:
- 6) **Is the target wildlife species a result of transplant efforts? YES NO**
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.**
- 8) **Please provide the following information about access to the proposed site:**
Type of access (mark one): 2x4 vehicles 4x4 only foot only**

**If foot access only: Distance in miles: _____ Approximate hiking time: _____

-- Does access to this site require crossing private or tribal lands? YES NO

-- Please describe any restrictions to public access:
- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**
- 10) **Was a site visit completed? Yes No**
If Yes, please list personnel that attended and date.

ARIZONA GAME AND FISH DEPARTMENT TREE CLEARING/REMOVAL WORKSHEET

**PROJECT TITLE: Bar T Bar and Anderson Springs Allotment Management Plans (EIS):
Archeological Survey for Anderson Canyon Unit and Corridor Unit**

- 1) **What is the estimated acreage of the project?**
- 2) **How are the trees going to be cleared? (agra axe, chain saw, grubbing, push, chaining):**
- 3) **What is the estimated number of trees per acre?**
- 4) **Describe trees to be cleared (species, estimated diameter, single stem, multi-stem):**
- 5) **Describe terrain (slope, soil type, rocks)**
- 6) **Please list any special land management status for the project site (e.g. Wilderness, National Park, National Monument). If private land, list landowner.**
None
- 7) **Please provide the following information about access to the proposed site:**
Type of access (mark one): 2x4 vehicles 4x4 only Foot only**

**If foot access only: Distance in miles: Approx. hiking time:

Does access to this site require crossing private or tribal lands? YES NO

Is the site relatively accessible for tree removal equipment? YES NO

Please describe any restrictions to public access: None

ARIZONA GAME AND FISH DEPARTMENT

VOLUNTEER HOURLY RATES AND CLASSIFICATIONS WORKSHEET

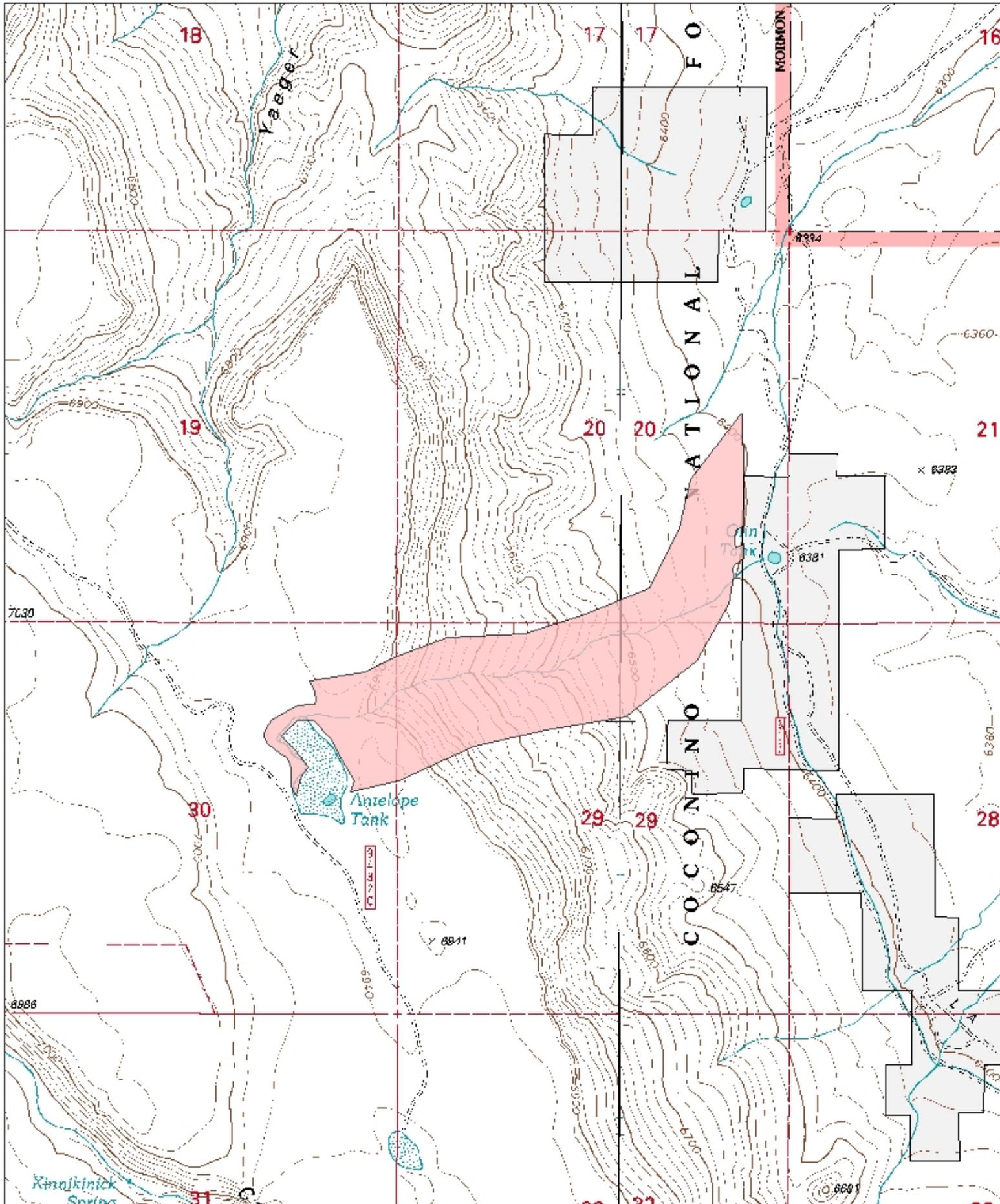
PROJECT TITLE: _____

The value of volunteer labor should be calculated at the hourly rate of an employee doing similar work, or using hourly rates from the Arizona Department of Administration's Human Resource web site, plus a standard ERE rate of 35%. http://www.hr.az.gov/HR_Professional/Class_Comp/PDF/alphacovered.pdf

\$0.445/mile should be the calculation used for mileage.

Water Development	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			\$14.14	
Habitat Restoration and Clean Up	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			\$14.14	
Fisheries	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			\$14.14	
Nongame Branch Project	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			\$14.14	
Misc/office work	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			varies	
Community Services	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			\$7.44	
Events and Other	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			\$14.14	
Research Branch	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			\$14.14	
Wildlife Area Hosts	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			\$17.44	
Education Programs	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
			\$16.07	
Totals				

Corridor Unit



Anderson Canyon Unit

