

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

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| Game Branch / HPC Project Number: | 14-603 |
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PROJECT INFORMATION

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| Project Title: Bar X Pipeline | |
| Region and Game Management Unit: Region 6, GMU 23N | |
| Local Habitat Partnership Committee (LHPC): • Payson Natural Resources Committee | Was the project presented to the LHPC? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| Has this project been submitted in previous years? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If Yes, was it funded? YES <input type="checkbox"/> NO <input type="checkbox"/> → Funded HPC Project #(s): | |
| Project Type: Water development | |
| Brief Project Summary: This project on the Bar X allotment will install pipeline from a well with a solar pump on Pine Creek to a drinker and a storage tank. | |
| Big Game Wildlife Species to Benefit: elk (35%), mule deer (30%), whitetail deer (20%), turkeys (15%) | |

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| Implementation Schedule (Month/Day/Year): <u>Project Start Date:</u> 3/2015 <u>Project End Date:</u> 7/2015 | Environmental Compliance: NEPA Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Projected Completion Date: _____ State Historic Preservation Office - Archaeological Clearance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Projected Completion Date: _____ Arizona Game and Fish Department EA Checklist: N/A <input checked="" type="checkbox"/> To be Completed by: _____ Projected Completion Date: _____ |
|--|---|

PROJECT FUNDING

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|--|-----------|
| Special Big Game License Tag Funds Requested: | \$ 11,526 |
| Cost Share or Matching Funds: | \$ 2,750 |
| Total Project Costs: | \$ 12,750 |

PARTICIPANT INFORMATION

| | | |
|--|---|--------------------------------------|
| Applicant (please print): Dave Daniels | Address: 7200 E. University Mesa, AZ 85207 | E-mail: ddaniels@azgfd.gov |
| Telephone: 480-528-8774 | | Date: 8/21/2014 |

AGFD Contact and Phone No. (If applicant is not AGFD personnel):

Project has been coordinated with:
AZGFD, Tonto National Forest, Bar X Ranch

NEED STATEMENT – PROBLEM ANALYSIS:

This project on the Bar X allotment will install pipeline from an existing well with a solar pump on Pine Creek to a drinker and a storage tank about a mile northeast of the well. This drinker will provide a vital perennial water source to the wildlife that utilize the area. The next nearest perennial water source is 2.5 miles away at Pine Creek.

PROJECT OBJECTIVES:

The objective of this project is to provide a perennial water source for wildlife.

PROJECT DESCRIPTION AND STRATEGIES:

This project will install about a mile of pipeline from a well with a solar pump to a new drinker and storage tank. The pipeline will be laid on the surface of the soil and will carry water to a new storage tank. The storage tank will then feed a new drinker.

PROJECT LOCATION:

Pine Creek, Bar X allotment

New drinker location: NAD83 UTM's 504919mE, 3781399mN

LAND OWNERSHIP AT THE PROJECT SITE(S):

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

- Land is managed by the United States Forest Service, Tonto National Forest, Pleasant Valley Ranger District

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

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

HABITAT DESCRIPTION:

The plant community in the area is primarily grassland and pinon/juniper woodland at an average elevation of 5000 feet above sea level. Species include various grasses, alligator juniper, pinon pine, and oak brush.

ITEMIZED USE OF FUNDS:

Special Big Game License Tag Funds

\$11,526

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|------------------------------------|-------------|
| 1. 1 mile of 1 1/4" DR-7 polypipe | \$7,280.00 |
| 2. 2 - 3,000 gal storage tanks | \$3,396.00 |
| 3. Galvanized hardware, unions etc | \$310.00 |
| 4. 2 - 300 gal Rubermaid drinkers | \$540.00 |
| | \$11,526.00 |
| | Total |

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

\$950 – Bar X Ranch will provide all labor to install pipe, drinker, and storage tank

\$800 – AZGFD will provide in-kind contributions in the form of labor for contract administration, project origination, and project coordination

\$1,000 – USFS, TNF, PVRD will provide administrative support in the form of necessary clearances and will provide a letter of approval for implementation of project

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Special Big Game Funds:

- Provide funding for pipe, drinker, and storage tank

AZGFD:

- Provide in-kind contributions in the form of labor for contract administration, project origination, and project coordination

USFS:

- Provide administrative support in the form of necessary clearances
- Provide letter of approval for implementation of project

Bar X Ranch:

- Provide all necessary labor for to install pipe, drinker, and storage tank

Payson Natural Resources Committee:

- Review project

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

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

PROJECT MONITORING PLAN:

The project proponent will ensure project completion with coordination between the AZGFD and the Bar X Ranch.

This area will be surveyed by the AZGFD and will be monitored for wildlife use.

PROJECT MAINTENANCE:

Project will be continually maintained by the Bar X Ranch

PROJECT COMPLETION REPORT TO BE FILED BY:

The project proponent is responsible for completing the project completion report

WATER DEVELOPMENT PROJECTS *(please use the worksheet below):*

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

ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET

PROJECT TITLE: Bar X Pipeline

1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**

The project was not presented to the development branch

2) **Please list the Development Branch personnel and date coordinated with for this project.**

The project will not require the use of development branch personnel

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: McInturf Spring

Type of water source (catchment, spring, dirt tank): spring

Ownership of water source: USFS

Distance in miles from project: 2.5 miles

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: None

9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**

2- 3000 gallon storage tanks

2- drinkers

10) **Was a site visit completed? Yes No**

DATE – Andy Habgood (USFS)

DATE – Dave Daniels (AZGFD)