

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

Game Branch / HPC Project Number:	14-214
Possible Funding Partners:	

PROJECT INFORMATION

Project Title: Bar T Bar Wildlife/Livestock Waters

Region and Game Management Unit: Region II, GMU 5A & 5B

Local Habitat Partnership Committee (LHPC): • FRSG	Was the project presented to the LHPC? YES[X] NO[]
--	--

Has this project been submitted in previous years? YES[] NO[X]
If Yes, was it funded? YES[] NO[X] → **HCP Project #:**

Project Type: Water Drinkers

Brief Project Summary: Water availability in Northern GMU 5A has historically been unreliable due to lack of rain, lack of dirt tank reliability, and livestock pipeline/drinker reliability/availability. This project looks to replace several degraded metal water trough float systems with new round tractor tire design drinkers off of the existing pipeline for the benefit of wildlife and livestock. While these waters were originally built for livestock use and will continue to benefit livestock, it should be noted this project focuses on increasing water reliability and availability for wildlife when livestock are not present.

Big Game Wildlife Species to Benefit: Elk/ Mule Deer/ Pronghorn/ Black Bear/ Mountain Lion

Implementation Schedule (Month/Day/Year): Project Start Date: July 1 st , 2015 Project End Date: June 30, 2017	Environmental Compliance: NEPA Completed: YES[] No[] N/A[X] Projected Completion Date: <u>Ranch Maintenance per AOI</u> State Historic Preservation Office - Archaeological Clearance: YES[] No[] N/A[X] Projected Completion Date: _____ Arizona Game and Fish Department EA Checklist: N/A[X] To be Completed by: _____ Projected Completion Date: _____
--	---

PROJECT FUNDING

Special Big Game License Tag Funds Requested:	\$ 5348.99
Cost Share or Matching Funds:	\$ 5348.99
Total Project Costs:	\$ 10697.98

PARTICIPANT INFORMATION

Applicant (please print): ██████████	Address: ██████████ ██████████	E-mail: ██████████
Telephone: ██████████		Date: 9/1/2014

AGFD Contact and Phone No. (If applicant is not AGFD personnel):
Garrett Fabian (928) 606-3557

Project has been coordinated with:

Bar T Bar, AZGFD, and USFS Coconino National Forest Mogollon Ranger District

NEED STATEMENT – PROBLEM ANALYSIS: Water availability in Northern GMU 5A & 5BN has historically been unreliable. Lack of rain, effectiveness of dirt tanks due to soil type, and livestock pipeline/drinker reliability/availability has all contributed to the unreliability of available water for wildlife. When water is available, it is usually through the current livestock watering system. The existing livestock pipeline and drinker system is more than 50 years old and is becoming unreliable at best. The Bar T Bar ranch is currently in the process of replacing existing pipelines, but would like some assistance in replacing drinkers that benefit both livestock and wildlife. It should be noted that out of all the drinkers being proposed, only one is solely livestock use, which the proposal includes adding a wildlife drinker off of that existing drinker.

PROJECT OBJECTIVES: Increase water availability and reliability for wildlife in northern GMU 5A & 5BN. This project would essentially allow year round water availability for wildlife, which is currently not available.

PROJECT DESCRIPTION AND STRATEGIES: This project looks to replace several degraded metal water trough float systems with more reliable round tractor tire design drinkers off of the existing pipeline for the benefit of wildlife and livestock. While these waters were originally built for livestock use and will continue to benefit livestock, it should be noted this project focuses on increasing water reliability and availability for wildlife when livestock are not present through design changes to minimize freezing complications with stored water in metal drinkers and floats.

- Dog Valley- replace existing drinker w/ 12' rubber tire design (RTD)
- Norfolk Well – replace existing drinker in water lot w/ 12' RTD and add 8' RTD outside water lot for wildlife use
- Canyon Diablo- replace old float box w/ 8' RTD
- Quayle Well- replace existing drinker w/ 12' RTD
- Summerfield- replace existing drinker w/ 12' RTD
- “Pink Floyd”- replace existing drinker w/ 10' RTD

PROJECT LOCATION: The project area is spread throughout several different areas. However, the general area could be summarized by boundaries such as Red Hill on the SE corner, the forest boundary on the NE corner, West Sunset on the NW corner, and Anderson Rim on the SW corner.

- Dog Valley- 18N, 12.5E, Sec 35
- Norfolk Well- 18N, 12E, Sec 13
- Canyon Diablo- 19N, 12.5E, Sec 15
- Quayle Well- 15N, 12E, Sec 9
- Summerfield- 15N, 12E, Sec 1
- “Pink Floyd”- 16N, 13E, Sec 29

LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):

- Coconino National Forest, Mogollon Ranger District

- Bar T Bar Ranch, private property

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

YES[X] NO[]

HABITAT DESCRIPTION: This project is located at approximately 6500 foot elevation in Pinion Juniper invaded grasslands. Primary plant species include blue grama, squirrel tail, winterfat, bigelow sage, cliffrose, fern bush, Algarita, pinion, and shaggy bark juniper. This country receives low to moderate precipitation.

ITEMIZED USE OF FUNDS:

• 4 12' RTD's @ \$750/each	\$3000.00	
• 1 10' RTD @ \$575	\$ 575.00	
• 1 8' RTD @ \$450	<u>\$ 450.00</u>	
	\$4025.00	
	\$ 402.50	inflation
	<u>\$ 270.48</u>	tax
	\$4697.98	
	<u>\$4500.00</u>	installation @ \$750 X 6
	\$9197.98	
	<u>\$1500.00</u>	sup materials & admin
	\$10697.98	

Special Big Game License Tag Funds

The Bar T Bar is requesting \$5348.99 cash assistance to purchase materials and installation costs for the proposed drinkers.

Cost Share or Matching Funds

The Bar T Bar will be administering and conducting project oversight at an estimated 12 hours @ \$25/hr which equals \$300. The Bar T Bar will also be providing an 8' tire as a drinker and installing it at the rate quoted above which would equal \$1200. The Bar T Bar then would be providing an additional \$3848.99 cash or labor match equaling \$5348.99. This would complete the project at a 1:1 cost sharing ratio.

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

- Bar T Bar ranch – administrative time, project oversight, Canyon Diablo Well drinker supplies and installation
- Coconino National forest – AOI administration for ranch maintenance activities
- AZGFD – HPC coordination and oversight

PROJECT MONITORING PLAN: N/A

PROJECT MAINTENANCE: Bar T Bar Ranch

PROJECT COMPLETION REPORT TO BE FILED BY: Bar T Bar Ranch

WATER DEVELOPMENT PROJECTS (*see attached worksheet*): N/A

TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (*see attached worksheet*): N/A

