

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

Game Branch / HPC Project Number:	16-606
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PROJECT INFORMATION

Project Title: Bar X Water Storage Materials	
Region and Game Management Unit: Region VI GMU 23	
Local Habitat Partnership Committee (LHPC): • Payson Natural Resource Committee	Was the project presented to the LHPC? YES[×] NO[]
Has this project been submitted in previous years? YES[] NO[×] If Yes, was it funded? YES[] NO[] → Funded HPC Project #(s):	
Project Type: Material Request	
Brief Project Summary:	
This project proposal is to provide funding to the permittee to purchase water holding tanks to increase water storage to existing trick tanks within the McInturf pasture. This pasture is a heavily used area by elk. The drinkers are located northeast of Pleasant Valley. In addition, brand new tarps will also be purchased with these funds due to damage to the existing tarps at 2 locations.	
Big Game Wildlife Species to Benefit (% benefit per species) : elk 60%, white tailed deer 5%, mule deer 25%, and turkey 10%	

Implementation Schedule (Month/Day/Year): <u>Project Start Date:</u> 04/2017 <u>Project End Date:</u> 10/2017	Environmental Compliance: NEPA Completed: Yes[] No[] N/A[X] Projected Completion Date: _____ State Historic Preservation Office - Archaeological Clearance: <i>(Provide Attachment)</i> Yes[] No[] N/A[X] Projected Completion Date: <u>01/2016</u> Arizona Game and Fish Department EA Checklist: N/A[X] To be Completed by: <u>Danny Rodriguez</u> Projected Completion Date: _____
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PROJECT FUNDING

Special Big Game License Tag Funds Requested:	\$8,950
Cost Share or Matching Funds:	\$ 3,000
Total Project Costs:	\$11,950

PARTICIPANT INFORMATION

Applicant (please print): Danny Rodriguez	Address: 7200 E University Dr Mesa AZ 85207	E-mail: jrodriguez@azgfd.gov
Telephone: 928-525-4380		Date: September 1, 2016

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

Project has been coordinated with:

Mike Hemovich (Permitee) and Tonto National Forest

NEED STATEMENT – PROBLEM ANALYSIS:

Water has always been a concern in Arizona, which can affect the wildlife in the area. Areas near the Naeglin Rim within Game Management Unit 23 North have always been heavily utilized by deer and elk due to the abundance of native grasses and woody browse. This range is also used by cattle during certain times of the year creating a need for water. Based off annual precipitation water availability can be a concern due to drought conditions.

This project proposal identified 3 sites that receive heavy use within 4 square miles by domestic livestock and wildlife. In collaboration with the Permitee, these 3 sites were selected to install new 3,000 gallon water holding tanks. This would be an upgrade in over 1,000 gallons of water available in the range for each tank. The older line is in need of replacement, which would also be replaced with new Poly DR 11-1" line. The sites include (2) Lower Dry Creek, (1) McinTurf, and (1) Grasshopper pasture. Each of these sites are approximately 1 mile from each other and can be accessed off Forest Road 200.

In addition, 2 additional range drinkers are in need of a new rain water catchment liner. The current liners are deteriorating from sun exposure and have sections that have ripped. If the sections continue ripping, the rain water caught will seep into the ground as opposed to running into the holding tank. The locations of the new liners are located in the McinTurf Pasture. One is on the west side and the other is on the east side of the pasture.

PROJECT OBJECTIVES:

Provide water for both game and non-game species south of Naeglin Rim by replacing the existing holding tanks with a new water holding tank that has an increased storage capacity.

Additional objectives include –

- Install new poly 1" line to the new storage tanks
- Install 2 new poly aprons to catch rainwater to drain into the holding tanks

This is currently a range drinker and has been coordinated with Tonto National Forest to replace the existing materials with new materials.

PROJECT DESCRIPTION AND STRATEGIES:

(How will you implement project)

This strategy for this proposal is to provide money to the permittee to purchase materials to increase water holding capabilities to the existing range water. The permittee will also provide labor. The materials needed to construct the trick tank include –

- (4) 3,000 gallon Poly Water holding tanks
- (2) Poly Water Catchment tarp
- (1) 300' roll of poly line DR11

The permittee will use the existing blue print to place the new water holdings tanks. The water will be kept on year round for wildlife.

PROJECT LOCATION

(Please provide lat/long of project area and datum. If project is larger than one point, please add multiple lat/long points or an existing shapefile of the project area)

This project is located in the Pleasant Valley Ranger District near Naeglin Rim.

UTM-

Grasshopper by Silo 1 Storage tank	12 S 0502722 3783662
Lower Dry Creek 2 Storage tanks	12 S 0503821 3782757
McInturf. 1 Storage tan	12 S 0504909 3781383
McInturf Trick Tank West Tarp	12 S 0505827 3782914
McInturf Trick Tank East Tarp	.12 S 0506571 3781199



LAND OWNERSHIP AT THE PROJECT SITE(S):

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

- The proposed sites are located on Tonto National Forest property managed by the 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 primary habitat type where the proposed trick tank redevelopment is located consists of primarily juniper grassland mixed with oak-woodland.

ITEMIZED USE OF FUNDS:

Special Big Game License Tag Funds

Total funds requested – \$ 8,950

- (4) 3,000 Gallon Poly Storage tanks - \$1,700 @ \$6,800
- (2) 50'x50' Poly catchment liners - \$2,000
- (1) roll of 300' Poly pipe DR11 - \$150

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

- Mike Homovich (Visits, coordination, facilitation, road improvement, and labor) – \$1,000
- USFS (NEPA, ARCH clearances, visits, etc) - \$1,000
- AGFD (Coordination, write-up, facilitation, etc) - \$1,000

Total Cost Share - \$3,000

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Mike Hemovich (Permitee)

- Provide labor
- Facilitate purchasing of materials

Arizona Game and Fish Department

- Provided in-kind contributions in the form of labor for contract administration, project origination, and project coordination/completion.

U.S. Forest Service, Tonto National Forest, Pleasant Valley Ranger District

- Provided administrative support in the form of necessary NEPA and archaeological clearances.
- Provide letter of approval for implementation of project (see attachment).

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

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

PROJECT MONITORING PLAN:

Arizona Game and Fish Department District Wildlife Manager will monitor the project until completion.

PROJECT MAINTENANCE:

Permitee will provide maintenance as required.

PROJECT COMPLETION REPORT TO BE FILED BY:

Arizona Game and Fish Department District Wildlife Manager will file a completion report.

WATER DEVELOPMENT PROJECTS (please use the worksheet below):

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

ATTACHMENTS:

(Please provide cultural clearance documentation from land management agency, e.g., FONSI, Inventory Standards, etc. Also attach any project pictures)

ARIZONA GAME AND FISH DEPARTMENT **WATER DEVELOPMENT WORKSHEET**

PROJECT TITLE: _____

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**
This project is not required to be listed under the Wildlife Water Development Annual Implementation due to it not being priority water listed through our department.
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**
Development Branch was not required 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: Pine Creek
Type of water source (catchment, spring, dirt tank): Creek
Ownership of water source: Tonto National Forest
Distance in miles from project: 1.5-2 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:
- 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

VOLUNTEER HOURLY RATES AND CLASSIFICATIONS WORKSHEET

PROJECT TITLE: Bar X Dirt Tanks

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.state.az.us/ClassComp/CC_Job_Titles_with_Ranges.asp

\$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	\$400
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				