

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

Game Branch / HPC Project Number: 12-403

**PROJECT INFORMATION**

**Project Title:** #712 Eagletail Mountains

**Region and Game Management Unit:** Region IV, GMU 41

**Local Habitat Partnership Committee (LHPC):**  
• Southwest Arizona HPC

**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[] → **Funded HPC Project #(s):**

**Project Type:** Repairs to existing water catchment.

**Brief Project Summary:**

This project would consist of digging up damaged trough and replacing with a new steel reinforced trough.

**Big Game Wildlife Species to Benefit:** Mule deer

**Implementation Schedule** (Month/Day/Year):

Project Start Date: February 15, 2013

Project End Date: February 17, 2013

**Environmental Compliance:**

NEPA Completed: Yes[X] No[] N/A[]

Projected Completion Date: \_\_\_\_\_

State Historic Preservation Office - Archaeological Clearance:

Yes[X] No[] N/A[]

Projected Completion Date: \_\_\_\_\_

Arizona Game and Fish Department EA Checklist: N/A[]

To be Completed by: AZGED Development Branch

Projected Completion Date: December 2012

**PROJECT FUNDING**

**Special Big Game License Tag Funds Requested:** \$ 4,000.00

**Cost Share or Matching Funds:** \$ 3,400.00

**Total Project Costs:** \$ 7,400.00

**PARTICIPANT INFORMATION**

**Applicant** (please print):  
Courtney Shanley

**Address:**  
9140 E. 28<sup>th</sup> St.  
Yuma, AZ 85365

**E-mail:**  
cshanely@azgfd.gov

**Telephone:** 928.856.0702

**Date:** 8/31/2012

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

**Project has been coordinated with:** Bureau of Land Management, Yuma Valley Rod and Gun Club, Arizona Game and Fish Development Branch.

**NEED STATEMENT – PROBLEM ANALYSIS:**

Catchment #712 was redeveloped in April 1997 to replace an existing unreliable development, thus providing a dependable water source for mule deer. At some point in time, the new system's drinker sustained damage resulting in leakage. This water catchment will fill up when it rains, but then immediately lose water rapidly from the system resulting in the water going dry.

**PROJECT OBJECTIVES:**

To restore the system to working order, thus ensuring a permanent water source for mule deer and other wildlife. To remove existing damaged trough and associated plumbing connections. To repair plumbing components and replace the damaged trough with a new steel reinforced trough.

**PROJECT DESCRIPTION AND STRATEGIES:**

Remove the existing damaged trough using a backhoe and replace with a new trough using volunteer labor.

This water is located in the EagleTail Mountain Wilderness area. The minimum tools requirements as they pertain to wilderness are in the final stages of approval as of the submission of this project proposal. Two weeks before we wish to start work on our project, AZGFD will provide BLM with a request to access BLM managed wilderness by vehicle. An official response from BLM will allow for legal entry into the wilderness area with motorized equipment. No issues are anticipated to arise which would hinder or prevent the implementation of our project.

**PROJECT LOCATION:**

N 33 22.881', W 113 24.700'

**LAND OWNERSHIP AT THE PROJECT SITE(S):**

Bureau of Land Management

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

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*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:**

Lower Colorado River Sonoran Desert scrub.

**ITEMIZED USE OF FUNDS:**

Special Big Game License Tag Funds

Purchase walk-in drinker and miscellaneous plumbing, mortar, and reinforcing wire = **\$4,000**

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

Yuma Valley Rod and Gun Club will provide 10 volunteer laborers and back hoe operator for 3 days (24 hours of labor) = **\$3,400**

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

Yuma Valley Rod and Gun Club will provide volunteer manpower.

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

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

**PROJECT MONITORING PLAN:**

Courtney Shanley (WM) will maintain the catchment according to Region IV AZGFD water maintenance protocol. This includes monitoring the water catchment monthly during the summer and at least once during the winter.

**PROJECT MAINTENANCE:**

If water hauling is required, Region IV personnel will take the lead on coordination of hauling. Minor maintenance such as measuring water level, and cleaning the collection point will be performed by Courtney Shanley. During the summer months, the role of monitoring the water level by airplane will be shared by Courtney Shanley and other wildlife managers in Region IV.

**PROJECT COMPLETION REPORT TO BE FILED BY:**

Courtney Shanley, Wildlife Manager AZGFD

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

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

N/A

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

**PROJECT TITLE:** #712 Eagletail Mountains

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”** No.
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**  
Ed Jahrke, Summer 2012.
- 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: #606  
Type of water source (catchment, spring, dirt tank): catchment  
Ownership of water source: BLM  
Distance in miles from project: 3.17
- 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.**  
Wilderness.
- 8) **Please provide the following information about access to the proposed site:**  
Type of access (mark one): 2x4 vehicles 4x4 only foot\*\*  
  
\*\*If foot access only: Distance in miles: 3.7 Approximate hiking time: 1.5 hours  
  
-- Does access to this site require crossing private or tribal lands? YES NO  
  
-- Please describe any restrictions to public access:  
  
This water catchment is located in the Eagletail Mountain Wilderness area, which is closed to vehicle traffic.
- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**  
6 foot steel reinforced fiberglass walk-in trough.
- 10) **Was a site visit completed?** Yes No  
If Yes, please list personnel that attended and date.  
Joseph Sayer, Wildlife Manager – April 1, 2010.

## **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](http://www.hr.az.gov/HR_Professional/Class_Comp/PDF/alphacovered.pdf)

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

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