

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

PROJECT INFORMATION	
Project Title: Water Development #738	Project No. 10-401
Region/GMU: 43A	HPC:
Project Type: Water Development	
Project Description: Replace the old system (ring tank and apron) with new underground storage components and a walk-in trough.	
Wildlife Species to Benefit: Mule deer and Sonoran pronghorn	
Possible Funding Partners:	
Implementation Schedule: Beginning: January 2012 Completed: January 2012	NEPA Compliance: (if applicable) Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Projected Completion Date:
PROJECT FUNDING	
SBG Funds Requested: \$11, 250	
Cost Share Funds: \$12,250	
Total Project Costs: \$23,500	
PARTICIPANT INFORMATION	
Applicant: Courtney Shanley (please print) Telephone: 928-814-9500	Address: 9140 E. 28 th Street, Yuma
AGFD Contact and Phone No. (If applicant is not AGFD personnel)	
Coordinated with: Ed Jahrke	Date: Summer 2010
Applicant's signature:	Date: August 26, 2010

SEND COMPLETED APPLICATIONS TO:
AZ Game and Fish Department
Attn: Game Branch
5000 W. Carefree Highway
Phoenix, AZ 85086 rgregory@azgfd.gov

WAS PROJECT PRESENTED TO THE LOCAL HPC? YES NO

HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED? No

NEED STATEMENT/PROBLEM ANALYSIS: The original ring tank does not collect much water during periods of rainfall. It also appears that this area gets less rainfall than surrounding areas during the winter rains, and the summer monsoon season. Frequent water hauling has been needed to maintain a reliable source of water for mule deer. Due to the water catchments proximity to the Kofa NWR, it can be assumed that this is also an important source of water for the mule deer population in 45A, and the Kofa NWR does not maintain or manage deer waters on the refuge. Furthermore, Region IV Arizona Game and Fish Department plans to reestablish Sonoran Pronghorn on the Kofa NWR through transplant efforts in 2011. The area that this water catchment is located in is suitable habitat for pronghorn, and this water will be used by Sonoran Pronghorn in the future, though probably to a lesser extent than mule deer.

PROJECT OBJECTIVES: Develop a permanent water source for mule deer, and in the future, sonoran pronghorn, by adding an underground storage system, a trough, and a collecting point. This will reduce the amount of time and money spent hauling water to this catchment.

PROJECT STRATEGIES: Bury PVC pipes and install a trough and collecting point using volunteer labor.

PROJECT LOCATION: N 33 27.140', W 114 10.121", Sec 1 T1N R19W SE ¼ SE ¼.

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

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

HABITAT DESCRIPTION: Lower Colorado River Sonoran Desert scrub.

ITEMIZED USE OF FUNDS: Purchase 24 inch PVC pipe (24 lengths) and one walk-in drinker = \$15,000.

Yuma Valley Rod and Gun Club will provide two donated backhoes, four trailers to haul materials

and supplies to the site, 20 labors for three days, volunteer mileage, 6 inch PVC pipe lines, concrete and misc. plumbing = \$8,500.

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Yuma Valley Rod and Gun Club will provide equipment and volunteer manpower.

John Hervert, Region IV Wildlife Program Manager, is willing to cost share 25% of the needed funds, using federal funds reserved for sonoran pronghorn.

PROJECT MONITORING PLAN: Courtney Shanley (WM) will maintain the new system according to Region IV water maintenance protocol. This includes checking 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 and insure water is hauled to the catchment. Minor maintenance such as measuring the water level and cleaning the collecting point will be performed by Courtney Shanley.

PROJECT COMPLETION REPORT TO BE FILED BY: Courtney Shanley, Wildlife Manager 43A

WATER DEVELOPMENT PROJECTS (see attached worksheet):

TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (see attached worksheet):

ARIZONA GAME AND FISH DEPARTMENT
WATER DEVELOPMENT WORKSHEET

PROJECT NAME: 738

- 1) Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Implementation Schedule?" Yes.
- 2) Please list the Development Branch personnel and date coordinated with for this project.
Ed Jahrke, Summer 2010
- 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, etc.):
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, etc). 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: Approx. 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.

24 inch PVC pipe (24 lengths)
1 – 3'w x 6'1 x 2d fiberglass walk-in trough
- 10) Was a site visit completed? Yes No
- 11) If Yes, please list personnel that attended and date. Courtney Shanley and John Hervert (AZGFD),
August 26, 2010.