

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

<b>PROJECT INFORMATION</b>	
<b>Project Title:</b> Water Development 950	<b>Project No.</b> 10-405
<b>Region/GMU:</b> 41	<b>HPC:</b>
<b>Project Type:</b> Water Development	
<b>Project Description:</b> Replace the old system (ring tank and apron) with new storage components and a walk-in trough.	
<b>Wildlife Species to Benefit:</b> Mule deer will benefit from increased water availability. Likely to be used by Sonoran pronghorn in the future. The waters located along the Wellton-Mohawk Irrigation canal are essential to maintain if we hope to keep pronghorn out of the canal in the future.	
<b>Possible Funding Partners:</b> ADA, YVR&GC	
<b>Implementation Schedule:</b> January 2011 <b>Beginning:</b> January 2011 <b>Completed:</b> March 2011	<b>NEPA Compliance:</b> (if applicable) <b>Completed:</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>Projected Completion Date:</b>
<b>PROJECT FUNDING</b>	
<b>SBG Funds Requested:</b> \$11,250	
<b>Cost Share Funds:</b> \$12,250	
<b>Total Project Costs:</b> \$23,500	
<b>PARTICIPANT INFORMATION</b>	
<b>Applicant:</b> Joe Sayer (please print) <b>Telephone:</b> 928-785-4924	<b>Address:</b> 9140 E. 28 <sup>th</sup> Street, Yuma
<b>AGFD Contact and Phone No.</b> (If applicant is not AGFD personnel)	
<b>Coordinated with:</b> Ed Jahrke	<b>Date:</b> Spring 2008
<b>Applicant's signature:</b>	<b>Date:</b>

**SEND COMPLETED APPLICATIONS TO:**

**Game Branch  
AZ Game and Fish Dept.  
5000 W. Carefree Highway  
Phoenix, AZ 85086**

**WAS PROJECT PRESENTED TO THE LOCAL HPC?      YES       NO**

(revised 7-02-2007)

**HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?**

Yes. No.

**NEED STATEMENT/PROBLEM ANALYSIS:**

The original ring tank leaks above the 12 inch level and has gone dry during the summer season. Mule deer are forced to find water elsewhere. Mule deer are lost in the Wellton-Mohawk canal during the summer season, particularly after the catchment has gone dry.

**PROJECT OBJECTIVES:**

Develop a permanent water source for mule deer by adding underground storage system, a trough and collecting point. We also expect to reduce the likelihood of hauling water to the catchment by replacing the leaking tank with new components.

**PROJECT STRATEGIES:**

Bury PVC pipe, install a trough and a collecting point using volunteer labor.

**PROJECT LOCATION:** 32<sup>0</sup> 46.389' 114<sup>0</sup> 03.305'

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

BLM

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

**HABITAT DESCRIPTION:**

Sonoran Desert, Lower Colorado Subdivision.

**ITEMIZED USE OF FUNDS:**

Purchase 24 inch PVC pipe (24 lengths) and one walk-in drinker with SBG funds = \$11,250.

Contribution by the AZGFD Sonoran pronghorn recovery program towards purchase of 24 inch PVC pipe (24 lengths) and one walk-in drinker (25%) = \$3,750

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:**

YVR&GC.

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.

**PROJECT MONITORING PLAN:**

Joe Sayer (WM, Wellton) will maintain the new system according to Region IV maintenance protocol. Checked monthly during the summer season and at least once during the cool season.

**PROJECT MAINTENANCE:**

If water hauling is required, Region IV personnel will take the lead and insure it gets done. Minor maintenance such as cleaning the silt trap, removing organic matter and measuring the water level will be accomplished by Joe.

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

Joe Sayer, Wildlife Manager 41

**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: 950

- 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, Spring 2008.
- 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: Wellton-Mohawk canal.  
Type of water source (catchment, spring, dirt tank, etc.): Canal, death trap for deer.  
Ownership of water source: Wellton Mohawk Irrigation District  
Distance in miles from project: 2
- 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. No. BLM.
- 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
- 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 for an estimated capacity of 11,000-gallons and 36 inch deep trough.
- 10) Was a site visit completed?    Yes    No  
If Yes, please list personnel that attended and date. Jeff Young (BLM) and John Hervert, Spring 2002.