

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

<b>PROJECT INFORMATION</b>	
<b>Project Title:</b> Crotch Tank	<b>Project No.</b> 09-403
<b>Region/GMU:</b> 43A	<b>HPC:</b>
<b>Project Type:</b> Water Development	
<b>Project Description:</b>  Add additional storage capacity next to the original tinaja.  <b>Wildlife Species to Benefit:</b> Bighorn sheep will benefit from added water availability in this area of the Dome Rock Mountains.	
<b>Possible Funding Partners:</b> ADBSS, YVR&GC	
<b>Implementation Schedule:</b> January 2010 <b>Beginning:</b> January 2010 <b>Completed:</b> January 2010	<b>NEPA Compliance:</b> (if applicable) <b>Completed:</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>Projected Completion Date:</b> January 2010
<b>PROJECT FUNDING</b>	
<b>SBG Funds Requested:</b> \$20,000	
<b>Cost Share Funds:</b> \$6,000	
<b>Total Project Costs:</b> \$26,000	
<b>PARTICIPANT INFORMATION</b>	
<b>Applicant:</b> John Hervert (please print) <b>Telephone:</b> 928-341-4041	<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**

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

**No.**

**NEED STATEMENT/PROBLEM ANALYSIS:**

**The original tank is too small and typically goes dry during the summer season. Bighorn sheep use the tinaja until it goes dry. This area of the Dome Rock Mountains is very arid and bighorn will benefit from permanent water next to Crotch Tank.**

**PROJECT OBJECTIVES:**

**Develop a permanent water source for bighorn sheep by adding underground storage system, a trough and collecting point.**

**PROJECT STRATEGIES:**

**Bury PVC pipe, install a trough and a collecting point next to Crotch Tank using volunteer labor.**

**PROJECT LOCATION: 33<sup>0</sup> 28.524' 114<sup>0</sup> 21.905'**

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

**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 PVC pipe (24 inch), caps, trough, concrete, and misc. plumbing = \$20,000.  
Two donated backhoes, four trailers to haul materials and supplies to the site, volunteer mileage**

= **\$6,000.**

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

**ADBSS volunteers or YVR&GC.**

**PROJECT MONITORING PLAN:**

**Courtney Fitzgerald 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 Courtney.**

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

**Courtney Fitzgerald, 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:**    Crotch Tank   

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”** Not sure.
- 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: 529, a mule deer water.  
Type of water source (catchment, spring, dirt tank, etc.):  
Ownership of water source:  
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. US Army, YPG.**
- 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: YPG access required. Call for clearance. Open to hunting.
- 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 sticks 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. YPG personnel, Courtney, John Hervert, Steve Rosenstock. 4-16-08.