

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

**PROJECT INFORMATION**

<b>Project Title: Camelback Water Catchment</b>		<b>Project No. 10-519</b>
<b>Region/GMU: 5/30A</b>	<b>HPC: Safford</b>	
<b>Project Type: Water development (repair)</b>		
<p><b>Project Description:</b> This water catchment in the Dos Cabeza Mountains needs to be repaired in order to be in full working capacity. The liner has come off of the tank and the tank, apron and drinker are all outdated. Currently, the catchment is only operating at about 30% capacity, which causes local wildlife managers to spend a great deal of time monitoring the catchment and hauling water in summer months. The existing barbed wire fence around the catchment site will be replaced with a pipe-rail fence to be more wildlife friendly and reduce fence maintenance costs. A gate will be installed in the fence to make water level checks, maintenance, and water deliveries easier.</p>		
<p><b>Wildlife Species to Benefit:</b> Mule deer (50%), whitetail deer (35%), javelina (15%), quail, dove, and non game birds and mammals, etc.</p>		
<p><b>Possible Funding Partners:</b> BLM (NEPA/Archeological Surveys), SE Sportsman's Club labor (\$1414 Equivalent), AGFD Development Branch Wildlife Conservation Funds (\$10,000)</p>		
<p><b>Implementation Schedule:</b>  <b>Beginning:</b> Spring 2011  <b>Completed:</b> Fall 2012</p>		<p><b>NEPA Compliance: (if applicable)</b>  <b>Completed:</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <b>Projected Completion Date:</b> December 2012</p>

**PROJECT FUNDING**

<b>SBG Funds Requested:</b> \$ 44,371
<b>Cost Share Funds:</b> \$ 23,914
<b>Total Project Costs:</b> \$ 68,285

**PARTICIPANT INFORMATION**

<b>Applicant: Duane Aubuchon</b> <b>Telephone: 928-428-3582</b>	<b>Address: 555 N. Greasewood Rd.</b> <b>Tucson, AZ 85745</b>
<b>AGFD Contact and Phone No.</b> <b>(If applicant is not AGFD personnel)</b>	
<b>Coordinated with: Joe Currie</b>	<b>Date: June 17, 2008</b>
<b>Applicant's signature:</b>	<b>Date:</b>

**SEND COMPLETED APPLICATIONS TO:**  
**Game Branch**  
**5000 West Carfree Highway**  
**Phoenix, AZ**

WAS PROJECT PRESENTED TO THE LOCAL HPC?      YES   X        NO       

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

**NEED STATEMENT/PROBLEM ANALYSIS:** Currently, the Camelback water catchment is the only functional water development in the Dos Cabezas Mountains; however, the catchment is need of repair and is not operating at full capacity. There is a second water development in the Dos Cabezas Mountains called Government Peak; however, this catchments is not functional (it was funded for renovation at the January 2009 Statewide HPC meeting). A third water development (Tar Box Spring), exists, but has been abandoned and dismantled. Its parts will be removed from Tar Box Canyon as part of the Government Peak renovation. There is no perennial water source near the Camelback catchment making this water catchment vital to wildlife. This area is fairly dry and given the drought conditions this area has been experiencing for the last several years, it is critical that water sources are provided to wildlife in the area. Built in 1981, the Camelback catchment will provide and has provided a much needed water source for deer, javelina, quail, dove, and non-game birds and mammals, etc. This catchment has attracted wildlife use since its construction, and now, 28 years later, it desperately needs maintenance to ensure it continues to support wildlife populations now dependant on its reliability as a water source. This catchment will soon fail completely without this redevelopment.

**PROJECT OBJECTIVES:**

- Improve water availability for deer, javelina, quail, dove, and non-game birds and mammals etc.
- Improve deer fawn and javelina recruitment by providing much needed water.
- Increase current water developments storage capacity to reduce costs associated with frequent water level checks, water hauling, and maintenance.

**PROJECT STRATEGIES:**

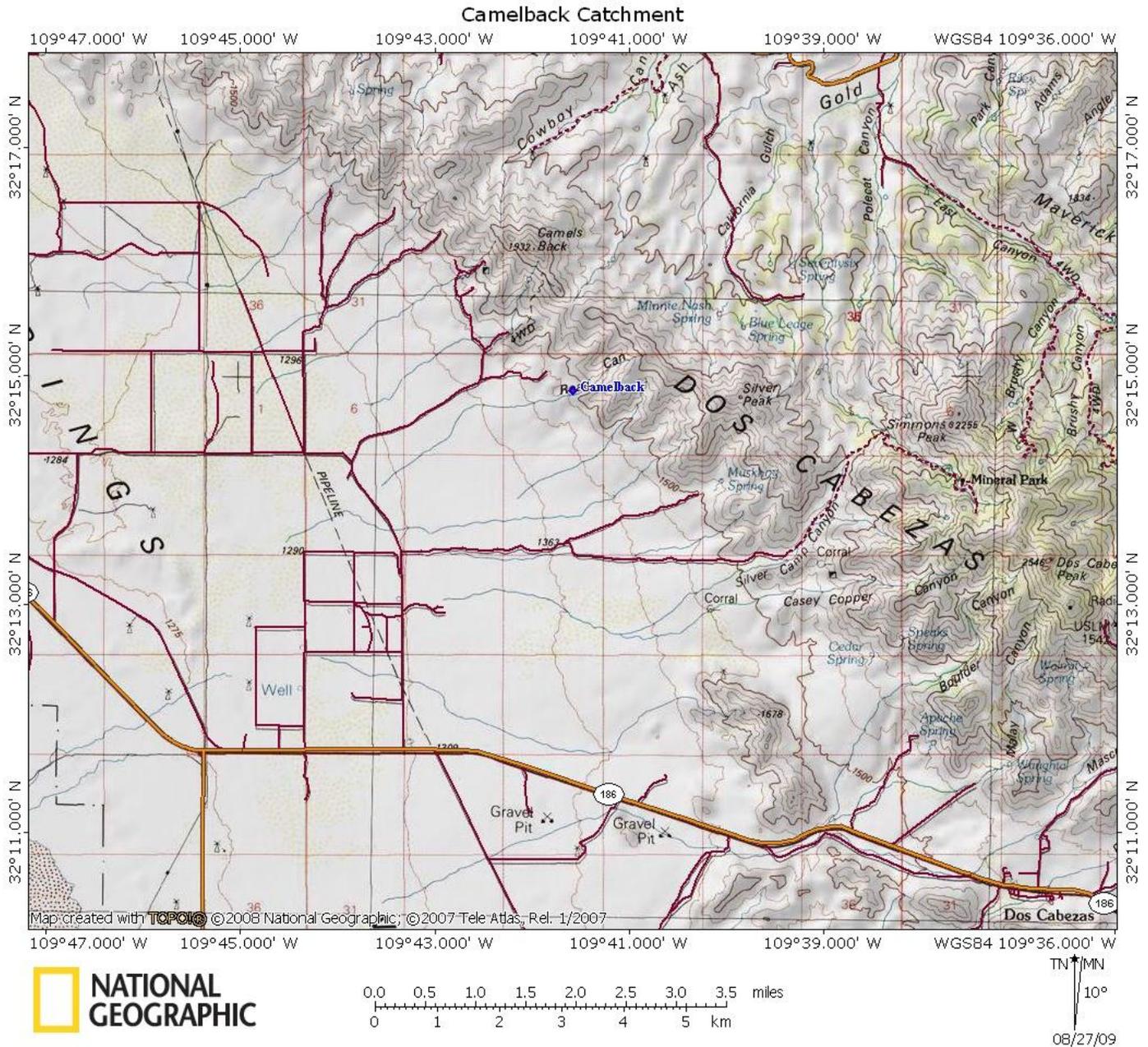
- Replace existing ring tank with an 18'x3' fiberglass ring tank
- Replace existing drinker with a new one
- Replace old fencing with wildlife friendly pipe-rail fencing around the catchment site
- Install a gate in new fencing
- Replace existing apron with a sturdier more updated apron

**PROJECT LOCATION:** Dos Cabeza Mountains

GPS coordinates: N. 32 degrees 14.870', W. 109 degrees 41.577'

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

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



**HABITAT DESCRIPTION: Upper Sonoran desert (mesquite, acacia, prickly pear)**

**ITEMIZED USE OF FUNDS:**

- 2-16' dia. fiberglass ring tanks- \$15,620
- 1-3' x 4' walk-in trough- \$3,270
- 1-900' pipe rail fence- \$5,150
- 1-24' x 72' collection apron - \$5,245
- Misc. plumbing parts (brass valve, pvc pipe, support structure, etc.)- \$1,000
- Concrete- \$500

- **Contractor to install catchment and on the ground labor \$25,000 (Ideally Catchment will be completed in house by AGFD Development Branch; however, due to current staffing levels, catchment location and number of catchments this may not be possible).**
- **Contractor to complete NEPA (if contracted out by agency other than BLM)- \$10-15,000**
- **Archeological survey (if needed and if contracted out by agency other than BLM)- \$2,500-3,000**

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

**Arizona Game and Fish Department Development Branch has committed to providing \$10,000.**

**The Southeastern Arizona Sportsman's Club has tentatively committed to providing ten individuals for one ten hour work day to assist in the construction of this catchment. Actual participation, number of participants and days participated may vary based on the project schedule and the schedule of volunteers (100 man hours).**

**BLM will complete the NEPA documentation and archeological surveys if needed (\$12,500-18,000).**

**The district wildlife manager and other sector personnel will be on site to assist with labor as available.**

**PROJECT MONITORING PLAN:** The development branch would be responsible for ensuring that the catchment was in working order after the completion of the project. The wildlife manager for GMU 30A would be responsible for monitoring the catchment to ensure that it is retaining water and does not go dry.

**PROJECT MAINTENANCE:** If needed, the development branch at Arizona Game and Fish would provide maintenance for this water catchment.

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

**Joe Currie, Arizona Game and Fish Department**

**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:** Camelback Water Catchment

- 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.**  
Joe Currie 623-236-7867 Coordinated on June 17, 2008
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**  
\_\_\_2-4 \_\_\_4-6 \_\_\_6-8 **X** 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?**  
**X** YES (please complete #5 below) \_\_\_NO (skip #5 below)
- 5) **For the accessible, perennial water source nearest this project:**  
Name of water source: none accessible, all on private lands.  
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 **X** 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.**  
None. The project is on Bureau of Land Management property.  
  
■ **Please provide the following information about access to the proposed site:**  
Type of access (mark one): **X** 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? **X** YES \_\_\_NO  
  
■ Please describe any restrictions to public access: None
- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**  
Refer to itemized use of funds listed above.
- 10) **Was a site visit completed?** **X** Yes \_\_\_No If Yes, please list personnel that attended and date.

Joe Currie 6/11/07