

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

<b>PROJECT INFORMATION</b>	
<b>Project Title: Region II Wildlife Drinker Maintenance and Operation</b>	<b>Project No. 10-214</b>
<b>Region/GMU: Region II, GMU 5, 6, 7, 8 and 9</b>	<b>HPC: Williams-Flagstaff</b>
<b>Project Type: Wildlife Drinker Maintenance and Operation</b>	
<b>Project Description: Fund the annual operation and maintenance of Numerous Region II Wildlife Drinkers for 2 years (2011-2012)</b>	
<b>Wildlife Species to Benefit: All Miscellaneous Region II Game and Non-Game Species</b>	
<b>Possible Funding Partners:</b>	
<b>Implementation Schedule:</b> Beginning: Spring 2011 Completed: Fall 2012	<b>NEPA Compliance: (if applicable)</b> Completed: Yes ___ No ___ Projected Completion Date:
<b>PROJECT FUNDING</b>	
<b>SBG Funds Requested: \$3500.00 per year, \$7,000 Total</b>	
<b>Cost Share Funds: \$15,000.00 per year, \$30,000 Total</b>	
<b>Total Project Costs: \$\$18,500 per year, \$37,000 Total</b>	
<b>PARTICIPANT INFORMATION</b>	
<b>Applicant: Coconino Sportsmen, Tom Mackin</b>  (please print) <b>Telephone (928)779-9127 H</b>	<b>Address: : PO Box 1301, Flagstaff,AZ.86002</b>
<b>AGFD Contact and Phone No. Larry Phoenix, Field Supervisor, Region II, (928)774-7901</b>	
<b>(If applicant is not AGFD personnel)</b>	<i>Approved project electronically</i>
<b>Coordinated with: Larry Phoenix, Field Supervisor, Region II</b>	<b>Date: August 16, 2010</b>
<b>Applicant's signature:</b>	<b>Date:</b>

**SEND COMPLETED APPLICATIONS TO:**

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

(revised 7-02-2007)

rothompson@azgfd.gov

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

This has been discussed at numerous meetings and most LHPC members are aware and supportive of these activities.

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

Yes and it was funded for the 2009-2010 work seasons.

**NEED STATEMENT/PROBLEM ANALYSIS:** Over the past several decades there has been numerous wildlife drinkers built throughout the southern portion of Region II, an area that provides excellent summer and winter habitat for a wide variety of game and non-game species, except for a dependable source of water. While there are numerous earthen tanks and some natural depressions, there is no dependable supply of water throughout the hundreds of square miles under discussion. Maintenance on these developments, which may total between 100 and 150, has been provided by volunteers, Wildlife Managers and Development crews, but only on a very informal basis, with little coordination and communication. Because water availability is a key component to wildlife carrying capacity, a more dependable method to maintain these developments is necessary to provide optimum conditions. This will become increasingly important as these developments continue to age and the forest and climatic conditions continue to provide less available water. The prior project has received numerous accolades from all agencies involved as the activities were carried out in a timely, cost efficient and professional manner by the two primary volunteers.

**PROJECT OBJECTIVES:** Our objective is to once again provide a dependable water supply for multiple wildlife species on approximately 500 square miles of critical wildlife range through the continuing operation and maintenance of these various existing developments. Making use of existing developments would reduce replacement costs, minimize the need for expensive compliance analysis and insure the availability of adequate water supplies.

**PROJECT STRATEGIES:** With a team of dedicated volunteers provided by the Coconino Sportsmen, working under the direction of the various GMU Wildlife Managers and other Region II supervisors, a detailed plan will be developed to maintain all AZG&FD drinkers found throughout the listed GMU's. Additional drinkers developed by the USFS may also be included in this plan when deemed in the best interest of the Department. Already in place from the previous project, is an inventory of existing developments, including specific location, current condition, importance to overall objectives and feasibility for continued operation. Data was collected from various sources, including existing Department inventories, WM's knowledge, USFS databases and other field observations. During the first project, additional

consultation was conducted with the Development Branch when the overall condition of a particular site warranted repairs or replacement beyond the scope of this project. As in the past, maintenance will be limited to minor fence, apron, catchment and drinker repairs or replacement, generally not to exceed \$500 per site per year. Major repairs or redesign will be referred to the Development Branch. Wildlife Managers and other Department personnel will provide volunteers with a priority list based on overall project objectives, other available sources of water and other applicable criteria. It is estimated that volunteers may spend approximately 800-1000 hours annually providing these services with an average of 750 hours in the field per year per volunteer. Water hauling by the volunteers to critical locations identified by Department personnel would be included in these tasks utilizing Department equipment available under the Department Volunteer program.

**PROJECT LOCATION:** All locations will be within AZGFD Region II, primarily south of the Grand Canyon, including GMU's 5, 6, 7, 8 & 9 with most activities occurring in GMU's 7 and 9.

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

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

**HABITAT DESCRIPTION:** The habitat ranges in elevation from approximately 4000' up to approximately 9000'. This elevation range includes pinyon juniper woodlands, open grasslands, mixed conifers, primarily ponderosa pine, oaks and other typical Colorado Plateau habitat types.

**ITEMIZED USE OF FUNDS:** Funds will be utilized to pay for necessary plumbing supplies including pipe(s), valves, floats, adhesives and other consumables. In addition, funds will reimburse personal vehicle drivers for the fuel expenses throughout the maintenance season. Fuel expenses will be varied depending upon activities, availability of Department vehicles, weather conditions, fuel prices and available time. Every activity will be planned to maximize fuel efficiencies and volunteer availability. Additional funding for miscellaneous hardware, such as screws, T-Posts, clips, fence stays and other necessary items may be included in this project or supplied by other agencies when available. Volunteers will not receive a salary for their efforts but their labor will be counted towards Cost Share at \$10/per hour for an average of 750 hours per year for a total of \$7500 per volunteer.

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:** The members of the Coconino Sportsmen and other volunteers will provide all primary labor for this project. The USFS may provide some materials. Other assistance may come from individuals with some of the “partner groups” and AZG&F personnel.

**PROJECT MONITORING PLAN:** Reports from AZGFD, USFS, and other interested personnel will assist in monitoring activities. Volunteers will plan to visit each inventoried site at least once each year.

**PROJECT MAINTENANCE:** The project is an ongoing activity type to include all maintenance and operation, with variables based on weather, location, and need. Additional enhancements beyond the scope of this project will be handled via separate project submissions.

**PROJECT COMPLETION REPORT TO BE FILED BY:** At the end of each work season , a written report including maps and photos will be submitted to the funding group(s) by the Coconino Sportsmen outlining the activities, man hours and mileage as well as a written invoice to cover expenses incurred. Additional verbal reports will be provided at the LHPC meetings and the semi-annual State HPC meetings. Activity reports will be submitted to Region II Supervisors, Development Branch and appropriate WM’s following each day of activities. Receipts will be provided upon request.