

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

PROJECT INFORMATION	
Project Title: Mohave Mountain #1 Catchment Rehab	Project No. 09-303
Region/GMU: 3/16A	HPC:
Project Type: Water development (repair)	
Project Description: This water catchment in the Mohave Mountains needs to be redeveloped in order to be most effective for the use it is receiving. The redevelopment will include 2 new tanks, a new apron and a new trough. The fence around the catchment site will be redone with piperail fencing to be more wildlife friendly. A gate will be added to the site to try and deter vandals and recreators from driving directly to the catchment. The perimeter fencing will be extended to allow less access for the public and better access for the Bighorn sheep.	
Wildlife Species to Benefit: Bighorn Sheep, Mule deer, javelina, quail, dove	
Possible Funding Partners: ADBSS and AZ Game and Fish	
Implementation Schedule: Beginning: Completed:	NEPA Compliance: (if applicable) Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Projected Completion Date:
PROJECT FUNDING	
SBG Funds Requested: \$42,455	
Cost Share Funds: \$	
Total Project Costs: \$42,455	
PARTICIPANT INFORMATION	
Applicant: Lainie Antolik (please print) Telephone: 928-718-4040	Address: 5325 N. Stockton Hill Rd. Kingman, AZ 86409
AGFD Contact and Phone No. (If applicant is not AGFD personnel)	
Coordinated with: Joe Currie, ADBSS, BLM	Date: May 18,2009
Applicant's signature: Lainie Antolik	Date: July 1,2009

**SEND COMPLETED APPLICATIONS TO:
Game Branch**

2221 W. Greenway Rd.
Phoenix, AZ 85023
mdisney@azgfd.gov

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

There is currently no local HPC in Kingman.

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

No/No

NEED STATEMENT/PROBLEM ANALYSIS: This particular water catchment receives a lot of use by the Bighorn sheep in the area. This area is very dry and given the drought conditions it has been experiencing for the last few years, it is very important that a water source is provided to wildlife in the area. A few years ago the Catsaurus water catchment was developed a couple of miles away to replace Mohave Mtn. #1. After a few years of observation however, the sheep in the area appear to prefer the Mohave Mtn #1 catchment. There is some use at Catsaurus but it is minimal compared to the use at Mohave Mtn, #1. This catchment will continue to provide a much needed water source for the Bighorn sheep as well as deer, javelina, bobcats, birds, etc.

PROJECT OBJECTIVES: The Department proposes to improve this existing water catchment to maintain the availability of water for Bighorn sheep and other wildlife at this location. The purpose of this project is to provide a dependable year-round water source for wildlife and reduce the number of annual water hauling and maintenance trips to this catchment location. It is also the Department's objective to reduce the effects of drought and thermal stress on game species and other wildlife by constructing, redeveloping and maintaining wildlife water developments.

This project will ensure that the Bighorn sheep in the area continue to have a much needed water source. It will also address the issue of vandalism and heavy recreation traffic by installing a gate and an informational kiosk for the public.

PROJECT STRATEGIES:

- Replace existing ring tank with 2 18' fiberglass ring tanks
- Replace existing drinker with a new one
- Replace old fencing with wildlife friendly piperail fencing around the catchment site
- Replace existing apron with a sturdier more updated apron
- Install a heavy gate so the public cannot drive directly to the catchment
- Extend the fencing around the catchment so there is less access to the public and more access to the Bighorn sheep

PROJECT LOCATION: Mohave Mountain #1 water catchment
GPS coordinates: N. 34 degrees 37.662', W. 114 degrees 18.703'
Using NAD 27 CONUS

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: This area mainly consists of Mojave desert scrub habitat. This habitat consists of a vast and diverse expanse of shrubs, Joshua trees and cactus on desert uplands. The vegetation is dominated by Creosote Bush, White Bursage and mixed with shrubs such as Nevada Jointfir, Fremont's Dalea, salt bush, Brittlebush, Spiny Menodora, White Burrobush, Box Thorn, Spiny Hopsage, Littleleaf Ratany, Mormon Tea and Rabbitbrush. A number of yucca and yucca-like species can be found in this habitat, including Joshua trees, Mojave Yucca, Banana Yucca and Soapstone Yucca. Agave can be found in the rocky areas. Several types of cactus are common here, including Cholla, Pricklypear, Hedgehog Cactus, and occasionally Pincushion and Cottontop Cactus.

ITEMIZED USE OF FUNDS:

- 2-18'x3' fiberglass ring tanks, trough and gutter- \$23,855
- 1,200 lineal ft. piperail fence- \$6,850
- 24'X 120' apron- \$9,200
- Misc. materials and plumbing (brass valve, pvc pipe, support structure, etc.)- \$1,650
- Concrete and mortar- \$900

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION: The AZ Desert Bighorn Sheep Society would provide special big game funds for this project. AZ Game and Fish would provide labor for the redevelopment of these catchments. The ADBSS would provide volunteers for labor as well. BLM is doing the NEPA documentation and the EA checklist.

PROJECT MONITORING PLAN: The development branch will be responsible for ensuring that the catchment is in working order after the completion of the project. The wildlife manager for GMU 16A will 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 AZ Game and Fish will provide maintenance for this water catchment.

PROJECT COMPLETION REPORT TO BE FILED BY:

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: Mohave Mountain #1 Catchment Rehab

- 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, ADBSS, BLM and Lainie Antolik Coordinated on 5/18/09
- 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: **Catsaurus water catchment**
Type of water source (catchment, spring, dirt tank, etc.): **catchment**
Ownership of water source: **AGFD**
Distance in miles from project: **1.5-2 miles**
- 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.**
None, this is all BLM land
- 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: **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 list
- 10) **Was a site visit completed?** Yes No
If Yes, please list personnel that attended and date.
Joe Currie, ADBSS, BLM and Lainie Antolik on 5/18/09