

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

PROJECT INFORMATION

Project Title: Castaneda Peak Catchment Rehab		Project No. 09-301
Region/GMU: 3/16A	HPC:	
Project Type: Water development (repair)		
Project Description: This water catchment needs to be redeveloped in order to be in full working capacity. The fence around the catchment site will be redone to be more wildlife friendly as well. This will provide much needed water to the wildlife in the area and provide potential for future translocations of Bighorn sheep into the area.		
Wildlife Species to Benefit: Bighorn Sheep, Mule deer, javelina, quail, dove		
Possible Funding Partners: AZ Bighorn Sheep Society		
Implementation Schedule:	NEPA Compliance: (if applicable)	
Beginning:	Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Completed:	Projected Completion Date: _____	

PROJECT FUNDING

SBG Funds Requested: \$32,740
Cost Share Funds: \$
Total Project Costs: \$32,740

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: AZ Game and Fish Development crew, BLM Lake Havasu City and AZ Bighorn Sheep Society	Date: 2/13/2009
Applicant's signature: Lainie Antolik	Date: 5/8/2009

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
Kingman no longer has a local HPC.

HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?
NO

NEED STATEMENT/PROBLEM ANALYSIS: The Castaneda Peak catchment is currently nonfunctional, and needs to be redeveloped. Since there is no perennial water source nearby, this water catchment is vital to wildlife. This area is fairly 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. The Castaneda Peak catchment will provide and has provided in the past a much needed water source for Bighorn sheep, deer, javelina, bobcats, birds, etc.

PROJECT OBJECTIVES: The Department proposes to improve this existing water catchment to maintain the availability of water for 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 the 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.

PROJECT STRATEGIES:

At the catchment site:

- 1) Install two 16 ft. diameter fiberglass ring tanks.**
- 2) Install one 3 ft. deep standard walk-in trough.**
- 3) Install one 24' X 96' metal frame and R-panel apron.**
- 4) Install wildlife friendly pipe rail fence package (600 lineal ft.).**

PROJECT LOCATION: McCracken Mountains

GPS coordinates:

Castaneda Peak: N. 34 degrees 25.694', W. 113 degrees 56.984'

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 Soaptree 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:

- 2-16 ft. diameter fiberglass tanks- \$15,620
- 1-3 ft. standard walk-in trough- \$3,270
- Perimeter fence (600 lineal ft. total)- \$3,500
- 1-Collection apron package (24x96 ft.)- \$8,950
- Misc. plumbing parts (brass valve, pvc pipe, support structure, etc.)- \$600
- Misc. materials- \$800

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION: The AZ Bighorn Sheep Society would provide special big game funds for this project. AZ Game and Fish would provide labor for the redevelopment of this catchment. The AZ Bighorn Sheep Society would be welcome to provide volunteers for labor as well.

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 16A 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 AZ Game and Fish would 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: Casteneda Peak 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 623-236-7867 Coordinated on 5/5/09
- 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:
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 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. AZ Bighorn Sheep Society, AZ Game and Fish development crew and Lainie Antolik (Wildlife Manager U16A) on 2/13/09.