

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

Game Branch / HPC Project Number:

| PROJECT INFORMATION | | |
|--|--|-----------------------------------|
| Project Title: <i>Water Harvesting Catchment</i> | | |
| Region and Game Management Unit: <i>30 B</i> | | |
| Local Habitat Partnership Committee (LHPC): <i>Sierra Vista Cochise County</i> | Was the project presented to the LHPC? YES[] NO[] | |
| Has this project been submitted in previous years? YES[] NO[] If Yes, was it funded? YES[] NO[] → Funded HPC Project #(s): | | |
| Project Type: | | |
| Brief Project Summary: <i>Construct 2500 square foot inverted roof over 40,000 gallons of steel water storage. Rainwater Harvesting will fill water storage which is plumbed to drinker w/ float valve</i> | | |
| Big Game Wildlife Species to Benefit: <i>Whitetail & mule deer, javelina,</i> | | |
| Implementation Schedule (Month/Day/Year): Project Start Date: <i>April 8, 2015</i> Project End Date: <i>June 15, 2015</i> | Environmental Compliance: NEPA Completed: Yes[] No[] N/A[X] Projected Completion Date: _____ State Historic Preservation Office - Archaeological Clearance: Yes[] No[] N/A[X] Projected Completion Date: _____ Arizona Game and Fish Department EA Checklist: N/A[] To be Completed by: _____ Projected Completion Date: _____ | |
| PROJECT FUNDING | | |
| Special Big Game License Tag Funds Requested: | \$ | |
| Cost Share or Matching Funds: | \$ | |
| Total Project Costs: | \$ | |
| PARTICIPANT INFORMATION | | |
| Applicant (please print): <i>Dennis Moroney</i> | Address: <i>47 Ranch Box 7 McNeel Arizona 85617</i> | E-mail: <i>cowhippy@mc.com</i> |
| Telephone: <i>520-507-5208</i> | | Date: <i>8/26/14</i> |
| AGFD Contact and Phone No. (If applicant is not AGFD personnel): | | |
| Project has been coordinated with: <i>Brod Falk, Jan McLeod, John Milligan</i> | | |

NEED STATEMENT - PROBLEM ANALYSIS:

PROJECT OBJECTIVES: To construct a water harvesting catchment (inverted metal roof) to harvest rainwater to fill 40,000 gallons of water storage capacity. Water would flow to a metal drinker nearby with a float valve.

PROJECT DESCRIPTION AND STRATEGIES: Construct roof frame using welded steel angle and square tubing. Attach metal roofing with screws. Gutter at bottom of the "V" would drain to storage tanks.

PROJECT LOCATION: Upper end of Dry Canyon, North end of Mule Mountains on the 47 Ranch. Private land.

LAND OWNERSHIP AT THE PROJECT SITE(S):

(if the project area is private property, please state specifically and provide the landowner's name)

- Land is private owned by Cross U Cattle Co, an Arizona Corporation

IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

YES NO N/A

HABITAT DESCRIPTION: Desert Grassland, Oak and Juniper Savanna, Riparian strand in canyon bottom; Northfacing slopes have dense chaparral.

ITEMIZED USE OF FUNDS:

Special Big Game License Tag Funds

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Cooperators would be 47 Ranch/Cross U Cattle Co/Moraney family

AGFD.

Potential for sportsmen participation

WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?

YES NO N/A

We currently provide access to hunters in season.

PROJECT MONITORING PLAN:

Visit location and measure water depth at end of each monsoon season.

(Revised May 2012)

ARIZONA GAME AND FISH DEPARTMENT
HABITAT DEVELOPMENT WORKSHEET

PROJECT MAINTENANCE:

Landowner would be responsible for maintenance

PROJECT COMPLETION REPORT TO BE FILED BY:

Dennis Moroney Jon McLeod
Brad Falke

WATER DEVELOPMENT PROJECTS (please use the worksheet below):

TREE CLEARING/REMOVAL PROJECTS (please use the worksheet below):

- 1) For the applicable permit type, please complete the project:
 - Name of water source
 - Type of water source (i.e. dam, spring, etc.)
 - Ownership of water source
 - Distance to water from project
- 2) Is the target wildlife species a member of threatened class? (Yes/ No)
- 3) Please list any special land management issues for the project (i.e. Wilderness, National Park, National Monuments, etc.) private land, not applicable
- 4) Please provide the following information about access to the proposed site:
 - Type of access (road, etc.) (24x7 access, 24x7 only, 12x24 only, etc.)
 - If 24x7 access only, please include: _____
 - Date when the site will be accessed (month/year)
 - Name of the person responsible for access (include title, address, phone number)
- 5) Please list other use or management (i.e. agriculture, etc.) and other uses of each resource to be added, modified, or regulated.
- 6) Has a site visit completed? (Yes/ No)
If Yes, please list personnel that attended the site.

ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET

PROJECT TITLE: Water Harvesting Catchment

- 1) Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Implementation Schedule?"
- 2) Please list the Development Branch personnel and date coordinated with for this project.
- 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):
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). If private land, list landowner.
Cross U Cattle Co
- 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: _____ Approximate hiking time: _____
-- Does access to this site require crossing private or tribal lands? YES NO
-- Please describe any restrictions to public access: Locked gate. Access by pre arranged permission
- 9) Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.
- 10) Was a site visit completed? Yes No
If Yes, please list personnel that attended and date.