

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

PROJECT INFORMATION

Project Title: Rincon Tank Wildlife Water Development

Project No. 10-301

Region/GMU: Region 3/GMU 18A

HPC:

Project Type: Wildlife Water Development

Project Description:

To construct a water catchment located in the Cottonwood Mountains in GMU 18A, located approximately 10 miles SE of Truxton Arizona in Mohave County. The installation of two new buried 18' fiberglass tanks with a walk-in trough and buried pipelines for the majority of the distance to the new tanks. Soil re-contouring would be done to accommodate the tanks, aprons and pipeline, with disturbed surfaces being leveled and smoothed. Installation of a 150' X 150' wildlife friendly pipe rail perimeter fence, and a 30' X 80' elk enclosure fence around the apron and tanks to prevent damage to the catchment or injury to the wildlife. Catchment aprons and fencing would be camouflaged to blend into the surrounding landscape. Minor road repairs would be necessary to transport materials to the site, and several juniper trees may need to be removed at the site location.

Wildlife Species to Benefit:

Game species: elk, mule deer, pronghorn, mountain lion, javelina, mourning dove, Gambel's quail and cottontail rabbit. Non game species: birds, bats, reptiles and amphibians would also utilize the permanent water source, specifically: red-tailed hawk, zone tailed hawk, great horned owl, turkey vulture, Wilson's warbler, cactus wren, zebra-tailed lizard, earless lizard, whiptail, gopher snake, rattle snake, and Little brown bat.

Possible Funding Partners: Bureau of Land Management (BLM)

Implementation Schedule: Spring 2011

Beginning:

Completed:

NEPA Compliance: (if applicable)

Completed: Yes No

Projected Completion Date:

PROJECT FUNDING

SBG Funds Requested: \$ 35,580

Cost Share Funds: \$ 1,600 Nepa/Environmental Compliance from BLM

Total Project Costs: \$ 35,580

PARTICIPANT INFORMATION

Applicant: Deanna Kephart
(please print) Wildlife Manager, Region III
Telephone: 928-692-3502

Address: 5325 N. Stockton Hill
Kingman, AZ 86409

AGFD Contact and Phone No.
(If applicant is not AGFD personnel)

Coordinated with: AGFD Joseph Curry, Jeff Pebworth, Trevor Buhr, Deanna Kephart BLM: Rebecca Peck, Mike Blanton	Date: 5/26/10
Applicant's signature: Deanna Kephart	Date: 7/25/10

SEND COMPLETED APPLICATIONS TO:

AZ Game and Fish Department

Attn: Game Branch

5000 W. Carefree Highway

Phoenix, AZ 85086

rgregory@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?

Rincon has not been submitted in previous years.

NEED STATEMENT/PROBLEM ANALYSIS:

The primary purpose of constructing this project is to provide a reliable and permanent source of water for wildlife. Currently the closest water source for wildlife in this area is from livestock tanks in the surrounding area. Hazen tank is located over three miles away, and does not provide consistent water throughout the dry times of the year.

PROJECT OBJECTIVES:

The Department proposes to construct a wildlife water development to create a permanent year-round water source for wildlife. It is the objective of the Arizona Game and Fish Department to reduce the effects of drought and thermal stress on game species and other wildlife by constructing, redeveloping and maintaining wildlife water developments. The Rincon Wildlife Water Development would provide a much needed water source for the varied species of wildlife, particularly pronghorn, mule deer and elk around the Truxton Flats area. Traditionally, big game species have struggled in this habitat, often moving to private property areas which are inaccessible to area sportsman. The creation of a year round water source increases the potential to improve pronghorn population numbers and fawn survival rates within the northern section of GMU 18A.

PROJECT STRATEGIES:

- 1) Possible minor road repairs would be necessary to transport materials and equipment to project site. The backhoe would be used within the existing road bed to smooth out eroded areas of the road that would make transporting equipment difficult.**
- 2) Excavate a hole approximately 5' deep X 20' wide X 40' long to install two 18'diameter (5700 gallon) fiberglass ring tanks.**
- 3) Dig a 3' to 5' deep X 20' to 60' long trench to place a 3" Sch. 80 PVC pipeline between the tanks and trough.**
- 4) Dig a 3' deep X 6' wide X 11' long hole to accommodate new fiberglass walk in trough. The**

trough would have mortar and concrete steps, and an escape ramp (installed after setting) to accommodate all wildlife.

- 5) Install a 24' wide X 72' long metal frame and R-panel apron over the tanks and along the ground where the apron will be placed.
- 6) Install a 150' X 150' wildlife friendly pipe rail perimeter fence to exclude livestock.
- 7) Install a 30' X 80' elk enclosure fence around the apron and tanks to prevent damage to the apron, and injury to the wildlife.

PROJECT LOCATION:

Township 23North, Range 11West, Section 16, SWSWNENE 1/4

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

Rincon Site is located on BLM land.

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

HABITAT DESCRIPTION:

The proposed site is on the south side of a limestone bedrock plateau. The development falls within the semi desert grasslands and the edge of great basin conifer woodlands. The over story habitat consists of Utah juniper and single leaf pinyon. Grasses include needle and thread, indian wheat, red brome, blue grama, sideoats grama and cheatgrass. Other plants within the habitat include cliffrose, winterfat, wolfberry, snakeweed, fourwing saltbrush, ball cactus and cholla cactus.

ITEMIZED USE OF FUNDS:

- | | |
|---------------------------------|----------|
| 1) 2 – 18 foot ring tanks @ | \$19,835 |
| 2) Walk in drinker@ | \$3265 |
| 3) Gutter@ | \$730 |
| 4) 24' X 72' Apron Package@ | \$5000 |
| 5) Steel tubing for Apron@ | \$750 |
| 6) Pipe Rail Fence@ | \$2500 |
| 7) Elk Enclosure Fence@ | \$2500 |
| 8) Misc. Plumbing and Concrete@ | \$1000 |

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Arizona Game and Fish Department (AGFD) Development Branch and Region III Kingman Office.
Bureau Land Management (BLM) Kingman Office.

PROJECT MONITORING PLAN:

Periodic checks will be made by the District Wildlife Manager to ensure that the development is functional and working properly.

PROJECT MAINTENANCE:

The AGFD Development Branch will do any maintenance and repairs that need to be completed on the Rincon Wildlife Water Development that are above the designated amount. Region III personnel will complete any minor maintenance that may be needed.

PROJECT COMPLETION REPORT TO BE FILED BY:

AGFD – Joseph Curry, Habitat Planning Program Manager

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: Rincon Tank Wildlife Water Development

- 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.**
AGFD Joseph Curry 5/26/10
- 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.**
There is no special land management status for this catchment.
- 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: No restrictions exist; There is a current cooperative stewardship access agreement in place with the lease/landowner (Gary Overson).
- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**
 - 1) Two 18' foot ring tanks, 5700 gallons each.
 - 2) One 3' deep standard walk in drinker
 - 3) 24' X 72' Apron Package, apron gutter and R-panel apron
 - 4) Misc. Plumbing and Concrete
 - 5) Pip Rail Fence 150' X 150'
 - 6) 30' X 80' Elk exclosure fence
 - 7) 3" Sch. 80 PVC pipe

- 8) Steel tubing for apron structure.

10) Was a site visit completed? Yes No

If Yes, please list personnel that attended and date.

On 4/26/10 AGFD personnel Joseph Curry, Jeff Pebworth, Trevor Buhr, Deanna Kephart and BLM personnel Rebecca Peck and Mike Blanton completed a site visit of Rincon Wildlife Water Development.