

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

PROJECT INFORMATION	
Project Title: 544 trough replacement	Project No. 09-402
Region/GMU: 41	HPC:
Project Type: Maintenance	
Project Description: A fiberglass trough developed a leak due to insufficient reinforcement of the walls. A crack developed along the edge of the concrete. The location of the crack prevents us from repairing the break with a fiberglass patch. Recommendation: Replace the trough with a standard 6 ft steel reinforced trough.	
Wildlife Species to Benefit: Mule deer will benefit from a reliable source of water. The system currently leaks requiring water to be hauled.	
Possible Funding Partners: Arizona Deer Association	
Implementation Schedule: Beginning: March 2010 Completed: March 2010	NEPA Compliance: (if applicable) Completed: Yes ___ No <u>X</u> Projected Completion Date: March 2010
PROJECT FUNDING	
SBG Funds Requested: \$4,095	
Cost Share Funds: \$2,400	
Total Project Costs: \$6,495	
PARTICIPANT INFORMATION	
Applicant: John Hervert (please print) Telephone: 928-341-4041	Address: 9140 E. 28 th Street, Yuma AZ
AGFD Contact and Phone No. (If applicant is not AGFD personnel) Ed Jahrke	
Coordinated with: Ed Jahrke	Date: August 2009
Applicant's signature:	Date:

SEND COMPLETED APPLICATIONS TO:
Game Branch
AZ Game and Fish Dept.
5000 W. Carefree Highway

Phoenix, AZ 85086

WAS PROJECT PRESENTED TO THE LOCAL HPC? YES NO

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

NEED STATEMENT/PROBLEM ANALYSIS:

A fiberglass trough developed a leak due to insufficient reinforcement of the walls. A crack developed along the edge of the concrete. The location of the crack prevents us from repairing the crack with a fiberglass patch. Recommendation: Replace the old trough with a standard 6 ft steel reinforced trough.

PROJECT OBJECTIVES:

Prevent catchment 544 from going dry by replacing a leaking trough. Improve water availability for mule deer. This water development is the 2nd most used water in Unit 41.

PROJECT STRATEGIES:

Replace the old trough with new steel reinforced trough.

PROJECT LOCATION: 33⁰ 15.183' 113⁰ 36.858'

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: Sonoran Desert, Lower Colorado Subdivision

ITEMIZED USE OF FUNDS: Purchase steel reinforced trough = \$4,095. Use of a backhoe (donation) including delivery = \$1500. Volunteers mileage, use of two trailers = \$900.

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:
Yuma Valley Rod and Gun Club.**

PROJECT MONITORING PLAN:

Wildlife Manager Joe Sayer will monitor this water to determine the effectiveness of the proposed maintenance. Joe will collect water level data monthly during the summer months. These data will be entered into the long term data base for this catchment.

PROJECT MAINTENANCE:

Joe Sayer, Wildlife Manager Unit 41 will monitor this water development and report on the effectiveness of the proposed action.

PROJECT COMPLETION REPORT TO BE FILED BY:

Joe Sayer, Wildlife Manager Unit 41.

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: Catchment 544

- 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.**
ED Jahrke August 2009.
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**
 2-4 X4-6 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) XNO (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 XNO
- 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.**
- 8) **Please provide the following information about access to the proposed site:**
Type of access (mark one): X2x4 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 XNO

-- 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.**

6 foot steel reinforced trough.
- 10) **Was a site visit completed?** X Yes No
If Yes, please list personnel that attended and date. Bob Henry, John Hervert, Joe Sayer August 2009.