

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

Game Branch / HPC Project Number:	11-605
Possible Funding Partners:	

**PROJECT INFORMATION**

**Project Title:** White Tanks North Catchment 719 Re-development

**Region and Game Management Unit:** GMU 42

**Local Habitat Partnership Committee (LHPC):**

**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  → **HPC Project #:**

**Project Type:** Catchment re-development

**Brief Project Summary:** Current catchment has a capacity of 2500 gallons and was built in mid 1960's. Would like to re-develop catchment to increase storage capacity (from 2500 gallons to 10,000 gallons), re-engineer apron to accommodate the increase capacity.

**Big Game Wildlife Species to Benefit:** Mule deer, javelina, various small game and non-game

**Implementation Schedule (Month/Day/Year):**

Project Start Date: January 1 2013

Project End Date: May 31 2013

**Environmental Compliance:**

Currently on state land, only need to

NEPA Completed: YES  No  N/A  apply for permit after funded

State Historic Preservation Office - Archaeological Clearance: YES  No  N/A

Projected Completion Date: Completed in ASLD permit

Arizona Game and Fish Department EA Checklist: N/A

To be Completed by: Joseph Currie

Projected Completion Date: 2 months after permit acquired

**PROJECT FUNDING**

**Special Big Game License Tag Funds Requested:** \$ 39,424

**Cost Share or Matching Funds:** \$ 20,000

**Total Project Costs:** \$ 59,424

**PARTICIPANT INFORMATION**

**Applicant (please print):**  
Mark Stewart

**Address:** 25437 West Illini Street  
Buckeye, Arizona 85326

**E-mail:** mstewart@azgfd.gov

**Telephone:** 480 639-9467

**Date:** 8-22-2011

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

**Project has been coordinated with:**

Ed Jahrke and Joseph Currie

**NEED STATEMENT – PROBLEM ANALYSIS:**

Catchment 719 was built in the mid 1960's with a capacity of approximately 2500 gallons. The White Tank Mountains boast a robust population of Mule Deer. This catchment has been hauled to every year several times per year to keep up with water demand of this robust mule deer herd. This system would benefit from a complete re-development that would increase the storage capacity to minimize and perhaps eliminate hauling needs. There may be an opportunity to relocate the catchment southward about 1/3 of a mile on to White Tank Mountain Park lands to better protect the catchment from vandalism – if not re-development will occur at the current site on State Trust Land just north of the WTMP boundary. Coordination with Maricopa County Parks is on-going. If the relocation onto WTMP land is approved, an additional fence/gate would be placed at the Park boundary to prevent public vandalism of the site in addition to the livestock enclosure fence at the catchment site itself (burros and cattle have both been documented in the area).

**PROJECT OBJECTIVES:**

- 1) Increase storage capacity of the system to reduce or possibly eliminate hauling needs
- 2) Move catchment inside the White Tanks Mountain Park boundary if possible to decrease dumping and vandalism at the site.

– Over all, make this catchment more self sufficient and reliable.

**PROJECT DESCRIPTION AND STRATEGIES:**

Install 2 new large fiberglass tanks with a camouflage shade/apron on top.  
Install a new wildlife friendly walk in trough.  
Re-engineer apron to match capacity of the new storage tanks.

**PROJECT LOCATION:**

West side of White Tank Mountains GMU 42.  
Waypoint location 12S 350488.84 E by 3723352.28 N - SEE ATTACHED MAPS

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

State Land Department

*IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?*  
YES[] NO[]

**HABITAT DESCRIPTION:**

Lower Sonoran Desert

**ITEMIZED USE OF FUNDS:**

Special Big Game License Tag Funds

2 - 18' dia. X 3' deep Fiberglass Tanks (10,010.00 ea)	\$20,020.00
1 - 24' x 96' Precipitation collection apron	\$ 7,580.00
1 - 3'd X 4'w wildlife friendly trough	\$ 3,294.00
2 - 150' X 150' Pipe rail livestock exclosure fences	\$ 6,780.00
Plumbing (pipes, connections etc.)	\$ 1,000.00
Misc (concrete, etc.)	\$ 750.00

Cost Share or Matching Funds

SSDV will provide crew labor as match in the amount of \$20,000

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

Arizona Deer Association

**PROJECT MONITORING PLAN:**

Supervision by Ed Jahrke and Joseph Currie

**PROJECT MAINTENANCE:**

Checked by local wildlife manager and water hauled and repairs made by Development Branch on an as needed basis.

**PROJECT COMPLETION REPORT TO BE FILED BY:**

Mark D. Stewart – Wildlife Manager Buckeye

**WATER DEVELOPMENT PROJECTS (*see attached worksheet*):**

## **ARIZONA GAME AND FISH DEPARTMENT** **WATER DEVELOPMENT WORKSHEET**

**PROJECT NAME:** White Tanks North catchment 719 Re-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.**  
Ed Jahrke and Joseph Currie 6-1-2011
- 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.**  
Possible relocation on to Maricopa County Parks Land pending approval. If approval is denied then re-development will take place at current location on State 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: \_\_\_\_\_    Approximate hiking time: \_\_\_\_\_  
  
-- Does access to this site require crossing private or tribal lands? YES  NO   
  
■ Please describe any restrictions to public access: The shortest road to the catchment site crosses undeveloped land owned by several developers however there are other access roads that do not cross private lands.
- 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.





