

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

PROJECT INFORMATION	
Project Title: Little Springs Trick Tank Apron Replacement	Project No. 11-206
Region/GMU: Region II/GMU 12A	HPC:
Project Type: Catchment Apron Replacement	
Project Description: This project will replace a failing precipitation collection apron at the LittleSpring Trick Tank. The existing apron is constructed of corrugated steel attached to rotten wood 2X4 studs. A portion of this apron has already lifted and been blown away. This facility is located in the critical winter range of the 12A mule deer herd and receives high use (several hundred deer per day) during the winter months.	
Wildlife Species to Benefit: Mule Deer 90%, Bighorn Sheep 10%	
Possible Funding Partners:	
Implementation Schedule: Beginning: 2012 Completed: 2012	NEPA Compliance: (if applicable) Completed: Yes <u>XX</u> No ___ Projected Completion Date:
PROJECT FUNDING	
SBG Funds Requested: \$ 9,941.00	
Cost Share Funds: \$ 7,825.00	
Total Project Costs: \$ 17,766.00	
PARTICIPANT INFORMATION	
Applicant: Todd M Buck (please print) Telephone: 928-856-0740	Address: 3500 S. Lake Mary Road Flagstaff, AZ 86001
AGFD Contact and Phone No. (If applicant is not AGFD personnel)	
Coordinated with: USFS and Development Branch (Joe Currie)	Date: 08/21/11
Applicant's signature: Todd M Buck	Date: 08/21/11

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 XX _____

No Local HPC

HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?

No/No

NEED STATEMENT/PROBLEM ANALYSIS:



LittleSprings Trick Tank is located at the head of LittleSprings Canyon on the JumpUp peninsula. This facility supplies water to the 12AW wintering deer herd and waters in excess of 200 deer per day during the winter months. This facility is also used by the Kanab Creek Desert Bighorn Sheep population. The existing apron is constructed of corrugated steel attached to a wooden sub-frame. The wooden 2X4's which make up the sub-frame are dry rotted and several of the corrugated steel panels have already blown off. The facility received a new storage tank in the mid-1990's. Replacement of this apron with a new steel sheet apron mounted to steel studs will ensure that this facility provides water to both Desert Bighorn Sheep and wintering Mule Deer for the foreseeable future.

PROJECT OBJECTIVES:

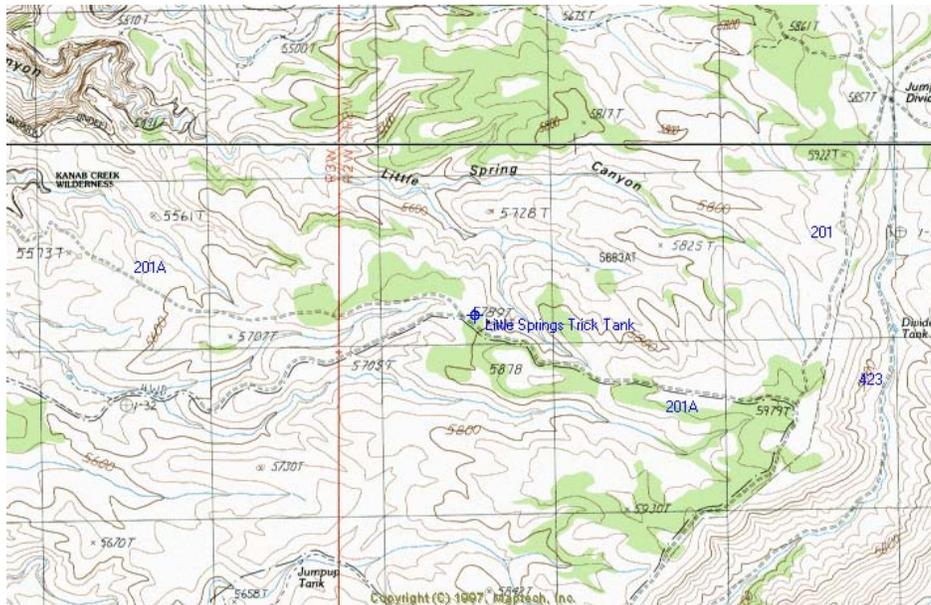
To finalize the reconstruction of the LittleSprings Trick Tank facility by replacing the existing dilapidated apron with a new sheet steel apron attached to steel studs. This will ensure perennial water for both Desert Bighorn Sheep and Mule Deer for the foreseeable future.

PROJECT STRATEGIES:

1. Remove the existing corrugated steel apron and wooden stud frame
2. Replace with a new 24'X96' Apron constructed of sheet steel and steel studs.

PROJECT LOCATION:

.928' .88' (NAD83/WGS84 Datum)



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

USFS

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

Land is all Federally Owned

HABITAT DESCRIPTION:

The LittleSprings Trick Tank is at an elevation of approximately 5660' and the primary vegetation consists of various grasses and forbes, sagebrush (*Artemesia tridentata*), cliffrose (*Cowania mexicana*), pinion trees (*Pinus sp.*), and Utah juniper trees (*Juniperus utahensis*).

ITEMIZED USE OF FUNDS:

1 – 24' Fiberglass Standard Gutter =	\$ 735.54
1 – 24' X 96' Steel Frame and R-panel Apron =	\$ 7,580.00
1 – Powder River Trough	\$ 625.00
1 – Miscellaneous Materials =	<u>\$ 1,000.00</u>
Total	\$ 9,940.54

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

USFS has completed all necessary NEPA Documentation.

Arizona Game and Fish Department will provide labor and equipment:

Matching Funds

Labor (1/2 work period, 5 man crew)	\$ 5,400
Subsistence and misc.	\$ 750
Equipment Depreciation	<u>\$ 1,050</u>
Total AZGFD Matching Funds	\$ 7,200

United States Forest Service will provide a Powder River trough to replace the pitted original trough:

Powder River Trough	<u>\$ 625</u>
Total USFS Matching Funds	\$ 625

PROJECT MONITORING PLAN:

As mandated by the GMU 12A Water Protocol, the district wildlife manager will be responsible for annual checks of the facility to ensure continued operation. Animal use will be documented during annual development checks, during survey periods, and at all discretionary visits to the site.

PROJECT MAINTENANCE:

Minor maintenance issues to be completed by the district wildlife manager, or USFS personnel. Major maintenance issues to be completed by the Arizona Game and Fish Development Branch (SSDV).

PROJECT COMPLETION REPORT TO BE FILED BY:

Joseph Currie (SSDV)

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: LittleSprings Trick Tank Apron Replacement

- 1) **Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Implementation Schedule?"**

Listed as a priority on the upcoming version 08/25/11

- 2) **Please list the Development Branch personnel and date coordinated with for this project.**

Joseph Currie

- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**

 2-4 4-6 6-8 xx 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?**

 X YES (please complete #5 below) NO (skip #5 below)

- 5) **For the accessible, perennial water source nearest this project:**

Name of water source: HorseSprings Trick Tank

Type of water source (catchment, spring, dirt tank, etc.): Catchment

Ownership of water source: AZGFD/USFS

Distance in miles from project: 2.2 miles across impassable canyon

- 6) **Is the target wildlife species a result of transplant efforts?** YES X 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.**

- 8) **Please provide the following information about access to the proposed site:**

Type of access (mark one): X 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 X NO

-- Please describe any restrictions to public access:

- 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 X No

If Yes, please list personnel that attended and date.