

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

<b>PROJECT INFORMATION</b>	
<b>Project Title:</b> Gooseneck Trick Tank Apron Replacement	<b>Project No.</b> 11-208
<b>Region/GMU:</b> Region II/GMU 12A	<b>HPC:</b>
<b>Project Type:</b> Catchment Apron Replacement	
<b>Project Description:</b> This project will replace a failing precipitation collection apron at the Gooseneck 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.	
<b>Wildlife Species to Benefit:</b> Mule Deer 100%	
<b>Possible Funding Partners:</b>	
<b>Implementation Schedule:</b> <b>Beginning:</b> 2012 <b>Completed:</b> 2012	<b>NEPA Compliance: (if applicable)</b> <b>Completed:</b> Yes <u>XX</u> No ____ <b>Projected Completion Date:</b>
<b>PROJECT FUNDING</b>	
<b>SBG Funds Requested:</b> \$ 7,705.54	
<b>Cost Share Funds:</b> \$ 12,200.00	
<b>Total Project Costs:</b> \$ 19,905.54	
<b>PARTICIPANT INFORMATION</b>	
<b>Applicant:</b> Todd M Buck (please print) <b>Telephone:</b> 928-856-0740	<b>Address:</b> 3500 S. Lake Mary Road Flagstaff, AZ 86001
<b>AGFD Contact and Phone No.</b> (If applicant is not AGFD personnel)	
<b>Coordinated with:</b> USFS and Development Branch (Joe Currie)	<b>Date:</b> 08/21/11
<b>Applicant's signature:</b> Todd M Buck	<b>Date:</b> 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:**



Gooseneck Trick Tank is located on the edge of the Kanab Creek Wilderness near the end of the Gooseneck peninsula. This facility supplies water to the 12AW wintering deer herd and waters in excess of 200 deer per day during the winter months. 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 had the storage tank lined in the late 1980's. Replacement of this apron with a new steel sheet apron mounted to steel studs will ensure that this facility provides water to wintering Mule Deer for the foreseeable future.

**PROJECT OBJECTIVES:**

To continue the reconstruction of the Gooseneck 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 Mule Deer for the foreseeable future.

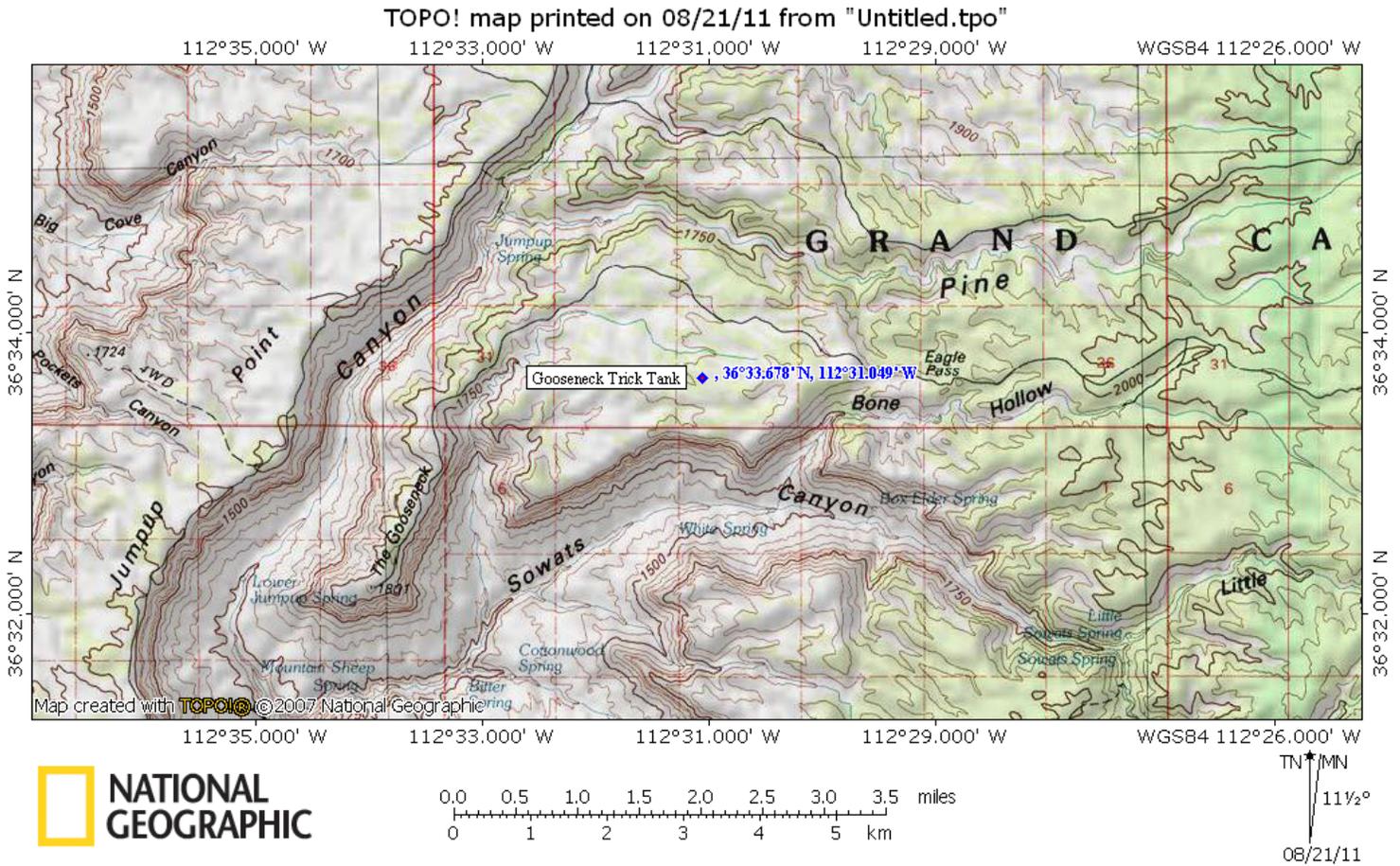
**PROJECT STRATEGIES:**

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:**

**.678' .049' (NAD83/WGS84 Datum)**

(revised 7-20-2009)



**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 Gooseneck Trick Tank is at an elevation of approximately 6133' and the primary vegetation consists of various grasses and forbes, sagebrush (*Artemisia tridentata*), cliffrose (*Cowania mexicana*), piñon 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

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1 – Standard pipe-rail enclosure fence	\$ 3,390.00
1 – Miscellaneous Materials =	<u>\$ 1,000.00</u>
Total	\$12,705.54

**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 contribute funding:	<u>\$ 5,000</u>
Total Matching Funds	\$12,200

**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:** Gooseneck 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?**

   YES (please complete #5 below)   X 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   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?**   X Yes    No

If Yes, please list personnel that attended and date.

Joe Currie, Paul Puckett, Todd Buck November 2010