

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

Game Branch / HPC Project Number:	15-511
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**PROJECT INFORMATION**

<b>Project Title:</b> Ten Strike Water Redevelopment	
<b>Region and Game Management Unit:</b> Region V Game Management Unit 31	
<b>Local Habitat Partnership Committee (LHPC):</b> • Safford Habitat Partnership Committee	<b>Was the project presented to the LHPC?</b> <b>YES</b> [X] <b>NO</b> []
<b>Has this project been submitted in previous years?</b> YES[] <b>NO</b> [X] <b>If Yes, was it funded?</b> YES[] <b>NO</b> [] → <b>Funded HPC Project #(s):</b>	
<b>Project Type:</b> Water Catchment Redevelopment	
<b>Brief Project Summary:</b> This water catchment was constructed by the ASU Chapter of the Wildlife Society. It is currently not functioning at all. The collection system has been compromised and is not currently collecting water. This project would reconstruct the catchment making it functional and bringing it up to AZGFD standards.	
<b>Big Game Wildlife Species to Benefit (% benefit per species) :</b> 30% Mule Deer, 30% Whitetail Deer, 30% Javelina, 10% Desert Bighorn Sheep.	
<b>Implementation Schedule</b> (Month/Day/Year):  <u>Project Start Date:</u>  April 1, 2016  <u>Project End Date:</u>  April 1, 2018	<b>Environmental Compliance:</b> NEPA Completed: Yes[] No[X] N/A[] Projected Completion Date: <u>September 2015</u>  State Historic Preservation Office - Archaeological Clearance: (Provide Attachment) Yes[X] No[] N/A[] Projected Completion Date: _____  Arizona Game and Fish Department EA Checklist: N/A[] To be Completed by: <u>Joe Curry</u> Projected Completion Date: <u>January 2015</u>

**PROJECT FUNDING**

<b>Special Big Game License Tag Funds Requested:</b>	\$ 54,963.00
<b>Cost Share or Matching Funds:</b>	\$ 5000.00
<b>Total Project Costs:</b>	<b>\$ 59,963</b>

**PARTICIPANT INFORMATION**

<b>Applicant</b> (please print): L. Devin Skinner	<b>Address:</b> P.O. Box 656 Thatcher AZ 85552	<b>E-mail:</b> dskinner@azgfd.gov
<b>Telephone:</b> 520 591-7880		<b>Date:</b> 07/22/2015

<b>AGFD Contact and Phone No.</b> (If applicant is not AGFD personnel):
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**Project has been coordinated with:**

Tim Goodman, Jeff Conn BLM Safford Field Office, Wayne Lackner Desert Bighorn Sheep Society, Joe Currie , Ed Jahrke AZ Game and Fish Department Development Branch

**NEED STATEMENT – PROBLEM ANALYSIS:**

This is a BLM catchment that was constructed with volunteer labor from the ASU Student Chapter of the Wildlife Society. The catchment functioned properly for many years. Over the past several years the water collection system has been washed out and there is no way to deliver the area rainfall to the storage tank. This catchment is currently holding no water and is of no benefit to wildlife in the area. There is currently no permanent water source nearby. The proposed catchment restoration would provide a year round permanent water source for wildlife in the area.

**PROJECT OBJECTIVES:**

This project will fix a non functioning water catchment and bring the system to where it is a reliable source of water for wildlife in the area. This project will benefit all wildlife species in the area. The primary focus will be for Whitetail Deer, Mule Deer, Bighorn Sheep, Javelina along with the other wildlife species in the area.

**PROJECT DESCRIPTION AND STRATEGIES:**

(How will you implement project)

This project will remove the current barbed wire fence that is in disrepair and replace it with a department designed pipe fence. The fence will be reduced in size but still stay within the foot print of the current project site.

The collection dam will be left in place but the pipe from the old collection site will be removed. The existing storage tank will be removed and a series of new smaller tanks will be placed on the same foot print as the existing tank. The series of smaller tanks will give an increased water storage capacity in the new system. A tin collection apron will be placed over the top of the storage system to act as a water collection point. A new drinker will also be placed at the site. This project will all be completed within the footprint of the current non functioning system. The new materials will be delivered to the site by helicopter.

This project has the potential to have a great positive benefit to wildlife in the area

**PROJECT LOCATION**

(Please provide lat/long of project area and datum. If project is larger than one point, please add multiple lat/long points or an existing shapefile of the project area)

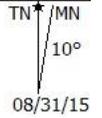
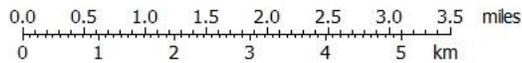
N 32 54.350'

W 110 19.456'

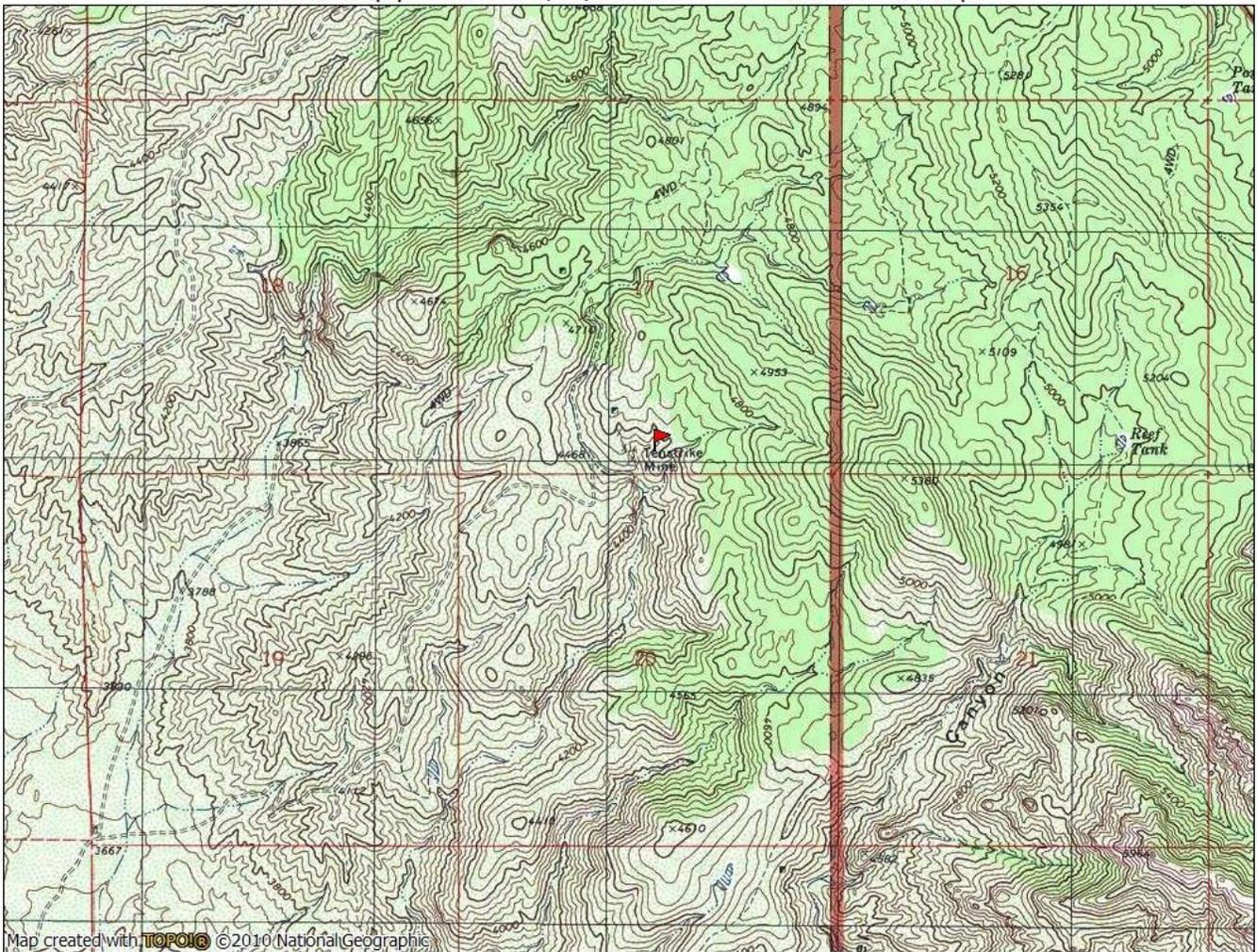
TOPO! map printed on 08/31/15 from "Ten strike catchment 2.tpo"



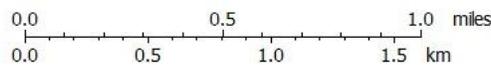
Map created with TOPO! © 2010 National Geographic



TOPO! map printed on 08/31/15 from "Ten strike catchment.tpo"



Map created with TOPO! © 2010 National Geographic



TN / MN  
10°  
08/31/15

**LAND OWNERSHIP AT THE PROJECT SITE(S):**

(If the project area is private property, please state specifically and provide the landowner's name)

- This project will take place on Bureau of Land Management administered lands (BLM).
- The BLM has completed the NEPA documentation for this project.

*IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?*

YES[] NO[] N/A[x]

**HABITAT DESCRIPTION:**

This is a Desert Scrub habitat type. This area is of high value for wildlife. It is believed that wildlife numbers have decreased in the area due to lack of year around reliable water sources.

**ITEMIZED USE OF FUNDS:**

Special Big Game License Tag Funds

See attached cost list prepared by the AZGFD Development Branch

Hey Devin,

Below is the current cost for catchment materials (I have attached the current Cost Guideline Sheet)

- 3 Tanks - 2,500 gallon Polyethylene Water Storage = \$ 10,458.00 (\$ 3,486.00 each)
- 1 Apron - 24' X 36' Metal Frame and R-panel = \$ 3,500.00
- 1 Trough - Standard Polyethylene = \$ 4,690.00
- 1 Plumbing - 3" Sch80 PVC and 2 Brass Ball Valves= \$ 1,500.00
- 1 Plumbing - 3" Gruv-lok pipe and fitting for collection point = \$ 1,200.00
- Fence - 200' X 200' Standard Piperail perimeter Fence = \$ 3,615.00
  
- Total Materials = \$ 24,963.00

The helicopter estimate would probably come in around \$ 30,000.00. I have also attached the CADD drawings of the existing system and the proposed system.

If you need more info feel free to contact me

Thanks, Joe

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

Cost share fund will be volunteer labor from the Southeastern Arizona Sportsmen Club

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

AZGFD construct and monitor water catchment.  
SEASC volunteer labor during the construction of the project  
Safford BLM Completed NEPA documentation on the project  
AZDBSS representatives have made visits to the site

**WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?**

YES[] NO[] N/A[X]

There is currently public access to this site.

Public access is from the Klondyke road along the 94 road. This road is open to the public.

**PROJECT MONITORING PLAN:**

This catchment will be placed on the annual monitoring schedule of the local wildlife manager for GMU 31

**PROJECT MAINTENANCE:**

If the system is found to be in need of maintenance the AZGFD will conduct maintenance.

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

Devin Skinner Wildlife Manager for GMU 31

**WATER DEVELOPMENT PROJECTS (please use the worksheet below):**

See Below

**TREE CLEARING/REMOVAL PROJECTS (please use the worksheet below):**

n/a

**ATTACHMENTS:**

(Please provide cultural clearance documentation from land management agency, e.g., FONSI, Inventory Standards, etc. Also attach any project pictures)



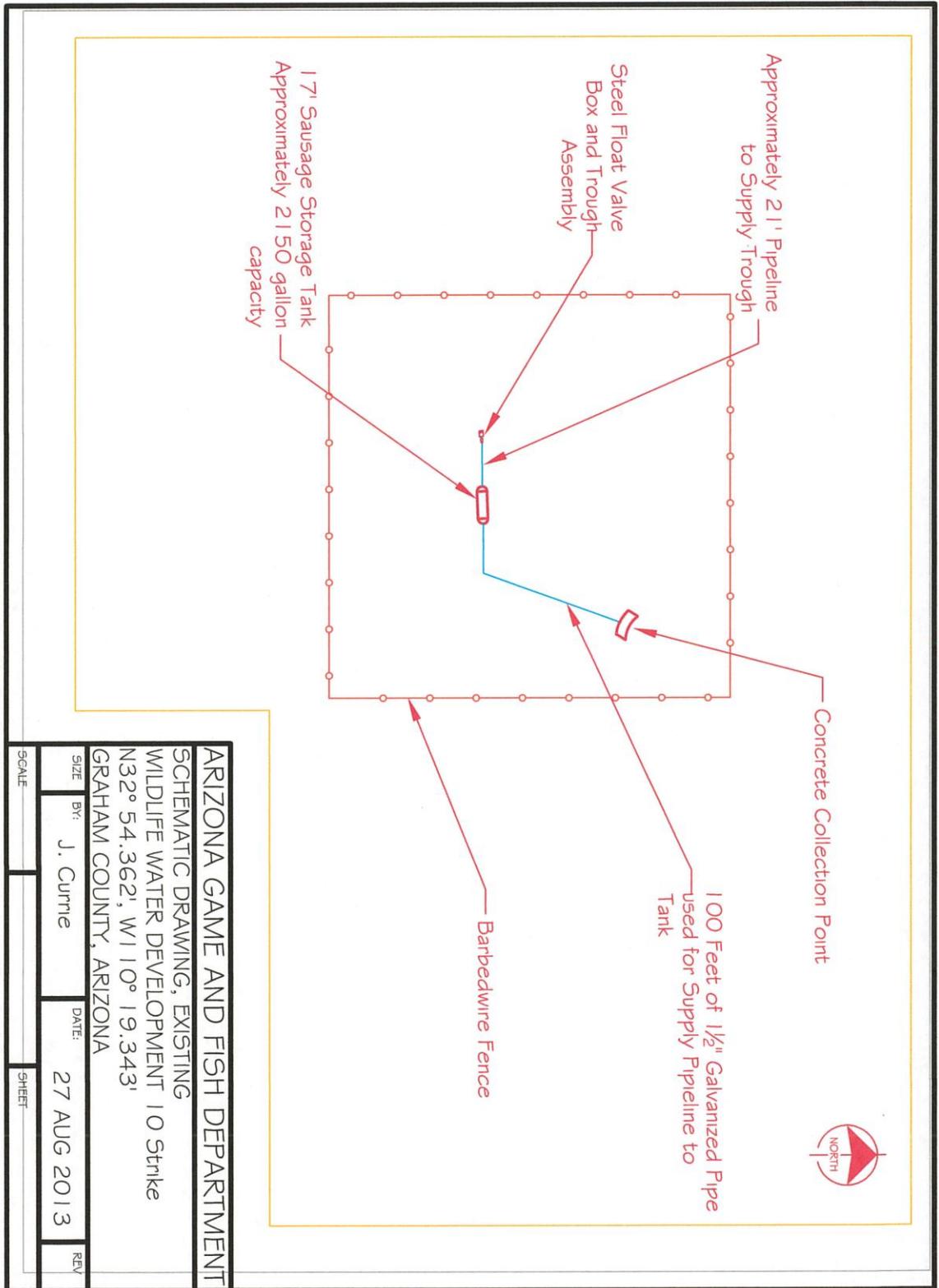




## **ARIZONA GAME AND FISH DEPARTMENT** **WATER DEVELOPMENT WORKSHEET**

**PROJECT TITLE:** Ten Strike Water Catchment

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**  
No
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**  
Ed Jahrke and Joe Currie
- 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   
Although bighorn sheep were transplanted into Aravaipa Canyon.
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.**  
There is no special status for the land at this project site.
- 8) **Please provide the following information about access to the proposed site:**  
Type of access (mark one): 2x4 vehicles    4x4 only    foot only\*\*  
Vehicle access to within ¼ mile of the site is possible. A helicopter would be used to deliver materials to the work site.  
\*\*If foot access only: Distance in miles: 1/4    Approximate hiking time: 10 minutes  
  
-- Does access to this site require crossing private or tribal lands? YES     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.**



ARIZONA GAME AND FISH DEPARTMENT  
 SCHEMATIC DRAWING, EXISTING  
 WILDLIFE WATER DEVELOPMENT 10 Strike  
 N32° 54.362', W110° 19.343'  
 GRAHAM COUNTY, ARIZONA

SIZE	BY:	DATE:	REV
	J. Currie	27 AUG 2013	
SCALE	SHEET		



**10) Was a site visit completed?** Yes[X] No[]

If Yes, please list personnel that attended and date.

Devin Skinner	AZGFD
Joe Currie	AZGFD
Ed Jahrke	AZGFD
Tim Goodman	BLM
Wayne Lackner	ADBSS

## **ARIZONA GAME AND FISH DEPARTMENT**

# **VOLUNTEER HOURLY RATES AND CLASSIFICATIONS WORKSHEET**

**PROJECT TITLE:** \_\_\_\_\_

The value of volunteer labor should be calculated at the hourly rate of an employee doing similar work, or using hourly rates from the Arizona Department of Administration's Human Resource web site, plus a standard ERE rate of 35%. [http://www.hr.state.az.us/ClassComp/CC\\_Job\\_Titles\\_with\\_Ranges.asp](http://www.hr.state.az.us/ClassComp/CC_Job_Titles_with_Ranges.asp)

\$0.445/mile should be the calculation used for mileage.

<b>Water Development</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
	320	1000	\$14.14	4969.80
<b>Habitat Restoration and Clean Up</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Fisheries</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Nongame Branch Project</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Misc/office work</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			varies	
<b>Community Services</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$7.44	
<b>Events and Other</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Research Branch</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Wildlife Area Hosts</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$17.44	
<b>Education Programs</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$16.07	
<b>Totals</b>				