

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

Game Branch / HPC Project Number:	15-224
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PROJECT INFORMATION

Project Title: Sunshine Point Co-Op Water Catchment Storage Tank Lid

Region and Game Management Unit: Region II, GMU 13A

<p>Local Habitat Partnership Committee (LHPC):</p> <ul style="list-style-type: none"> • Arizona Strip Habitat Working Group 	<p>Was the project presented to the LHPC? YES[X] NO []</p> <p>This project has been reviewed and approved by the Arizona Strip Habitat Working Group and is part of the statewide Water Implementation Schedule, as well as the local regional water prioritization.</p>
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Has this project been submitted in previous years? YES[] NO[X]

If Yes, was it funded? YES[] NO [X] → **Funded HPC Project #(s):**

Project Type: Lid for an above ground storage tank for a Co-Op wildlife/livestock water catchment

Brief Project Summary:
This project will place a lid on an above ground 80,000 gallon storage tank on Sunshine Point in GMU 13A. The lid will make sure that there is no more loss of wildlife from drowning in the storage tank, which is accessible for wildlife to jump in. Wildlife are pulled out of this storage tank on a yearly basis by both the local wildlife manager and allotment permittee. The lid will also serve a benefit of reducing evaporation allowing more water for Mule Deer, Desert Bighorn Sheep, and other wildlife in the area. This grant is being proposed as a Cost Share Project with the Bureau of Land Management who will pay for 50% of the project by purchasing the storage tank lid. The lid has already been purchased.

Big Game Wildlife Species to Benefit: Mule Deer, Desert Bighorn Sheep

<p>Implementation Schedule (Month/Day/Year):</p> <p><u>Project Start Date:</u> Spring 2016</p> <p><u>Project End Date:</u> Summer 2017</p>	<p>Environmental Compliance:</p> <p>NEPA Completed: Yes[] No[] N/A[X] Projected Completion Date: <u>Project falls under maintenance</u></p> <p>State Historic Preservation Office - Archaeological Clearance: Yes[] No[] N/A[X] Projected Completion Date: <u>Project falls under maintenance</u></p> <p>Arizona Game and Fish Department EA Checklist: N/A[] To be Completed by: <u>Joe Currie</u> Projected Completion Date: <u>Fall 2017</u></p>
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PROJECT FUNDING

Special Big Game License Tag Funds Requested:	\$ 5,000
Cost Share or Matching Funds:	\$ 5,000 from the Bureau of Land Management
Total Project Costs:	\$ 10,000.00

PARTICIPANT INFORMATION		
Applicant (please print): Jeremy Felish Wildlife Manager III, GMU 13A	Address: 3500 South Lake Mary Road Flagstaff, Arizona 86001	E-mail: Jfelish@azgfd.gov
Telephone: 928-856-0726		Date: September 1, 2015
AGFD Contact and Phone No. (If applicant is not AGFD personnel):		
Project has been coordinated with: Bureau of Land Management, Arizona Strip District Joe Currie, Arizona Game and Fish Department		

NEED STATEMENT – PROBLEM ANALYSIS:

Sunshine Point Co-Op water catchment is located in southern game Management Unit 13A and is located near Kanab Creek. The storage tank has about 2 feet that is above ground and the rest is under ground. This makes the storage tank accessible to wildlife, that on a yearly basis fall into the storage tank and cannot get back out. The area wildlife manager and allotment permittee yearly have to pull deceased mule deer out of the storage tank. Placing a lid on this storage tank will provide two benefits; one, it will save the wildlife population from falling into the tank and two; it will reduce evaporation allowing more available water.

This water catchment provides a crucial water source for an increasing resident mule deer population and desert bighorn sheep in the area. This water catchment consists of an above ground 80,000 gallon storage tank that is filled by a biddum tar apron. The allotment owner and district wildlife manager maintain this water facility.

This habitat area has seen a significant increase in population of mule deer over the past several years, and this water source is used extensively by this population year round. This water serves as a dependable perennial water source for mule deer, desert bighorn sheep, and other wildlife utilizing this area of southern GMU 13A.

PROJECT OBJECTIVES:

- Improve water availability and distribution for wildlife, in particular mule deer and desert bighorn sheep.
- Improve habitat use and distribution of wildlife species by providing additional reliable water sources within the area while increasing life expectancy and dependability of wildlife catchments.
- Decrease evaporation effects on this open water storage tank
- Increase life expectancy and dependability of this catchment
- Decrease or eliminate potential water hauling requirements to this development

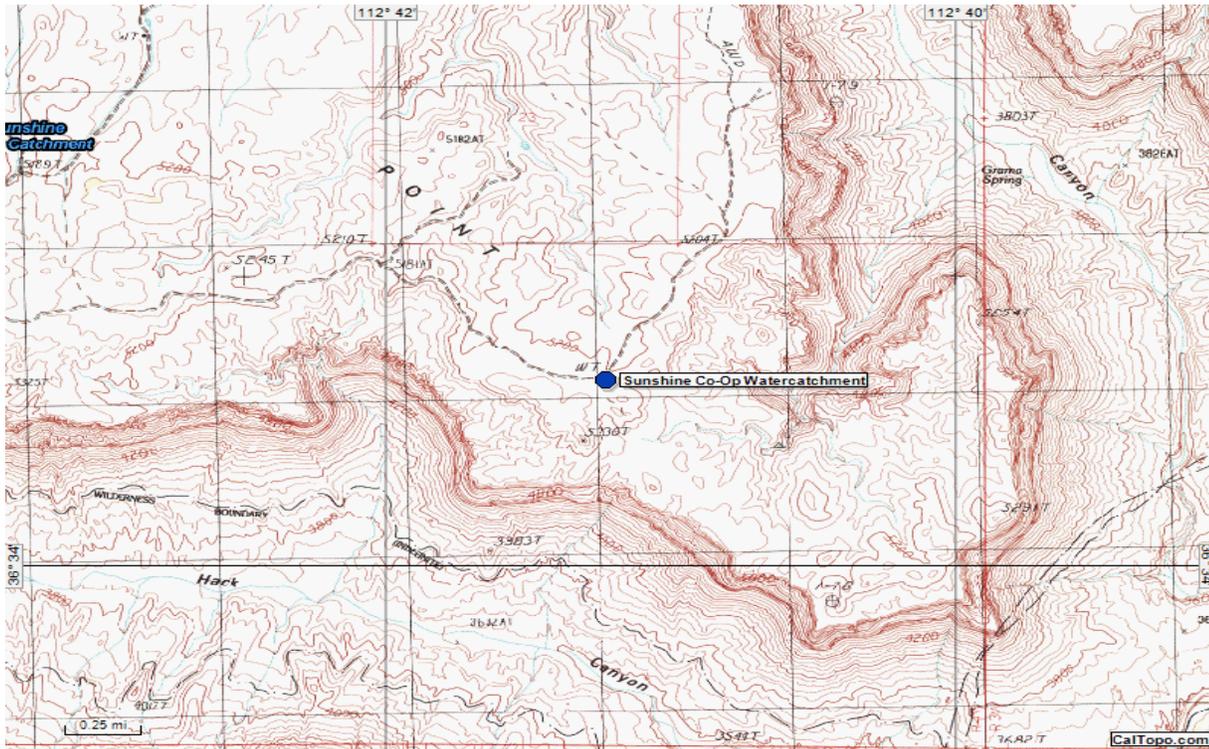
PROJECT DESCRIPTION AND STRATEGIES:

Utilize Big Game Special Tag Funds and the services of a private contractor to install a storage tank lid.

PROJECT LOCATION:

Game Management Unit 13A

Mohave County, AZ
N36.34.641 W112.41.228



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 is located 100% on federally managed land administered by the Bureau of Land Management, AZ Strip Field Office.

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:

The Sunshine Point Co-Op water catchment is located in desert scrub habitat that is transitioned to the north to scattered pinyon juniper.

ITEMIZED USE OF FUNDS:
Special Big Game License Tag Funds

Costs Category – Equipment, Labor, Materials, etc.	Grant Dollars Requested – Special Tag Funds
80,000 gallon storage tank lid – Already Purchased By BLM under Cost Share (\$5000)	\$ 0
Contractor Services \$ 3000.00 ea.	\$ 5,000.00
Totals	\$ 5,000.00

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

Bureau of Land Management will be providing the lid which has already been purchased for a total of \$5,000.

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Arizona Game and Fish Department

- Personnel with the Arizona Game and Fish Department will request funding, provide project coordination, and disperse funds to a private contractor.

Bureau of Land Management

- BLM has already purchased the lid for this project

Private Contractor

- Installation of the lid to the existing water storage tank

Arizona Deer Association

- The Arizona Deer Association as well as the Arizona Mule Deer Foundation may be potential cooperators with this project. Participation from these groups is unknown at this time.

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

YES NO N/A

History has shown that during travel management planning of the land management agencies, roads that have historic use and provide access to wildlife waters receive priority in remaining open to the public.

PROJECT MONITORING PLAN:

After completion of this project, the wildlife catchment will continue to be monitored as part of the Region II Game Management Unit 13A water development protocol. This protocol outlines facility inspection schedules, as well as maintenance schedules if needed. It is anticipated that this catchment will be inspected at least twice a year between April and October each year.

PROJECT MAINTENANCE:

The project will be maintained by the responsible District Wildlife Manager and the allotment owner, whom may complete minor maintenance issues when possible. As outlined in the project narrative, long term maintenance needs are expected to be minimal. All maintenance and access needs will be

closely coordinated with the Arizona Strip BLM office.

PROJECT COMPLETION REPORT TO BE FILED BY:

Jeremy Felish – Wildlife Manager III, GMU 13A

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

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

ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET

PROJECT TITLE: Sunshine Point Co-Op Water Catchment Storage Tank Lid

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**
Yes, in addition this water is also listed on the regional prioritization list for wildlife catchments.
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**
Joe Curry, ongoing 2013-2015
- 3) **What are 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: Sunshine Point Wildlife Water
Type of water source (catchment, spring, dirt tank): Catchment
Ownership of water source: Arizona Game and Fish Department
Distance in miles from project: Approximately: 2.0 miles south
- 6) **Is the target wildlife species a result of transplant efforts? YES NO**
Desert bighorn sheep have been transplanted into the population in previous years, with another transplanted currently being planned for the fall of 2015.
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, and National Monument). If private land, list landowner.**
This project is located on Bureau of Land Management lands out of the Arizona Strip field office.
- 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: less than 1/4 Approximate hiking time: 1 minute

-- Does access to this site require crossing private or tribal lands? YES NO

-- 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.**
 - One lid for an 80,000 gallon storage tank
- 10) **Was a site visit completed? Yes No**
If Yes, please list personnel that attended and date.
 - BLM has visited this site on a yearly basis inspecting cattle operations with the allotment owner.

- The district wildlife manager visits the site twice a year as prescribed by the district water catchment check protocol.

ARIZONA GAME AND FISH DEPARTMENT VOLUNTEER HOURLY RATES AND CLASSIFICATIONS WORKSHEET

PROJECT TITLE: Sunshine Point Co-Op Water Catchment Storage Tank Lid

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.az.gov/HR_Professional/Class_Comp/PDF/alphacovered.pdf

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

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