

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

|                     |  |
|---------------------|--|
| HPC Project Number: |  |
|---------------------|--|

### PROJECT INFORMATION

|   |   |                                 |   |
|---|---|---------------------------------|---|
| <b>Project Title:</b>   | Tater Canyon Pipeline Storage Tank            |                                 |   |
| <b>Game Management Unit:</b>  | 12A   | <b>Region:</b>                  | 2 |
| <b>Local Habitat Partnership Committee (LHPC):</b>  | <b>Was the project presented to the LHPC?</b> |                                 |   |
| Arizona Strip Habitat Working Group   | Yes   |                                 |   |
| <b>Project Location:</b> (Please provide <u>lat/long</u> in decimal degrees or meters of project area using datum WGS84 or NAD83. If project is larger than one point, please include them all. Provide an accompanying shapefile as an attachment for the project area).   |   |                                 |   |
| <p><b>LATITUDE/NORTHING:</b> 36.50485</p> <p><b>LONGITUDE/EASTING:</b> 112.00040</p> <p><b>MULTIPLE LOCATION COORDINATES:</b><br/>Please separate coordinate pairs with names &amp; commas. (ex. Bob's Tank 34.365, -110.663. Clear Spring 34.55, -110.107, etc.):</p>  |   |                                 |   |
| <b>Project Type:</b>  | Storage Tank Installation                     |                                 |   |
| <b>Water Project Action</b><br>(if applicable):   |   |                                 |   |
| <b>Habitat Restoration Action</b><br>(if applicable):   |   |                                 |   |
| <b>Other Project Type and Action</b><br>(if applicable):  |   |                                 |   |
| <b>Has this project been submitted in previous years?</b>   | No  |                                 |   |
| <b>PROJECT SUMMARY</b>  |   |                                 |   |
| Describe the proposed action only. Please use plain English, what action are you proposing? (If applicable, please reference any completed compliance including EAC#).  |   |                                 |   |
| <b>Brief Project Summary:</b><br>Cooperative project to develop a water reserve storage tank and improve water storage capabilities and availability along the Tater Canyon Pipeline. This project will involve installation of an 80,000 gallon storage tank on the Tater Canyon Pipeline. The storage tank will act as a water reserve on dry years when the springs flow is insufficient. AGFD will purchase the tank and the permittee(s) will install. |   |                                 |   |
| <b>Primary Big Game Wildlife Species to Benefit:</b>  | Bison, Pronghorn, Mule Deer                   |                                 |   |
| <b>Implementation Schedule</b><br>(Month/Day/Year)  | <b>START DATE:</b><br>2022                    | <b>COMPLETION DATE:</b><br>2024 |   |

## PROJECT FUNDING

| Project Funding   | Itemized Use of Funds   |
|---|---|
| <p>*Qualifying Cost Share should be restricted to support (materials, compliance, and or labor) of the proposed action ONLY (same time and place). Please do not include previously purchased supplies or past completed work.</p>                | <p>Please email separate quotes if HPC funds are to be used to purchase materials or contracted labor: <a href="mailto:HPC@azgfd.gov">HPC@azgfd.gov</a>.</p>  |
| <p><u>HPC Funds Requested</u></p> <p><b>Amount:</b> \$80,000</p><br><p><u>Cost Share or Matching Funds</u></p> <p><b>Amount:</b> \$50,000</p><br><p><u>Percent Match</u></p><br><p><u>Total Project Cost</u></p> <p><b>Amount:</b> \$ 130,000</p> | <p>80,000 gallon storage tank from CST = \$72,264</p> <p style="text-align: center;">Freight Transportation = \$3,283</p> <p style="text-align: center;">Tank Quote Total from CST = \$75,547</p> <p>Permittee will install, estimated cost share labor costs based on contractor installs = \$50,000</p> |

## ENVIRONMENTAL COMPLIANCE

Please indicate the status of the Project's compliance. if you are unsure, please reference:  
HPC Compliance Checklist (<https://www.azgfd.com/wildlife/hpc/forms/>).  
If you have questions regarding the requirement of an EAC, contact AGFD's Project Evaluation Program:  
(<https://www.azgfd.com/wildlife/planning/projevalprogram/>).  
\*\*\*Please email supporting compliance documents to [HPC@azgfd.gov](mailto:HPC@azgfd.gov) \*\*\*

|  |     |                         |          |
|--|-----|-------------------------|----------|
| <b>AGFD EA Checklist Completed:</b>                                      | N/A | <b>Completion Date:</b> | N/A      |
| <b>NEPA Completed:</b>   | Yes | <b>Completion Date:</b> | Dec 2010 |
| <b>State Historic Preservation Office/<br/>Archaeological Clearance:</b> | Yes | <b>Completion Date:</b> | Dec 2010 |

## CONTACT INFORMATION

### Applicant

The project applicant is the responsible party for seeing the work through to completion.

**APPLICANT NAME:** Seth Pierce

**PHONE:** 480-521-0117

**ORGANIZATION:** AGFD

**EMAIL:** spiercre@azgfd.gov

**ADDRESS:** 3500 S. Lake Mary Rd, Flagstaff, 86005

### AGFD Project Proponent

The Project Proponent is responsible for compliance, implementation, and annual/final reporting requirements.

**AGFD CONTACT NAME:** Seth Pierce

**PHONE:** 480-521-0117

### Cooperators

**COOPERATOR NAME(S), ORGANIZATION, ROLE IN PROJECT:**

USFS – all NEPA

Permittee, Brent Mackleprang, construction labor

## PROJECT NEED AND DESCRIPTION

Please use direct language: why is this project important? What problem will be solved? How will you implement it, and how will the habitat be enhanced? Please include # of acres, methods, roles, and any phases. Please be specific and thorough.

### NEED STATEMENT – PROBLEM ANALYSIS:

Since its construction in 1956, the Tater Canyon Pipeline has been one of the most important sources of water on the eastern side of the Kaibab Plateau and House Rock Valley. The spring and pipeline is primarily located on the east side of GMU 12A. The current pipeline system provides a water source for both the House Rock Wildlife Area in 12A and other areas of House Rock Valley within 12B, and is a primary water source for bison, pronghorn, wintering mule deer, and livestock.

Under current climate conditions, water flow from the spring and pipeline is becoming less during each drought year. During the summer months when there is a higher demand for water, the spring water struggles to provide adequate water flow to the area. It is desired to install an 80,000 gallon water storage tank to act as a water reserve during dry years or summer months, or as an emergency water supply if the pipeline breaks upstream and if there are maintenance needs in tater canyon that would shut off water supply. The storage tank would be filled during winter months while the demand for water from the pipeline is less.

Labor to be completed by permittees.

### PROJECT DESCRIPTION AND STRATEGIES:

Utilize SBG Funds to purchase an 80,000 steel tank and associated transportation freight costs. The permittee has agreed to install the tank and plumb the water lines to the tank.

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

100% USFS North Kaibab Ranger District

**PROJECT MONITORING PLAN:**

After completion, the storage tank and troughs from the pipeline will continue to be monitored by the permittee and AGFD personnel as part of the Region II/GMU 12A water development protocol. It is anticipated that this facility will be inspected at least twice each year.

**PROJECT MAINTENANCE:**

Maintenance would be performed by the permittee, and AGFD personnel such as the House Rock ranch manager or development.

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

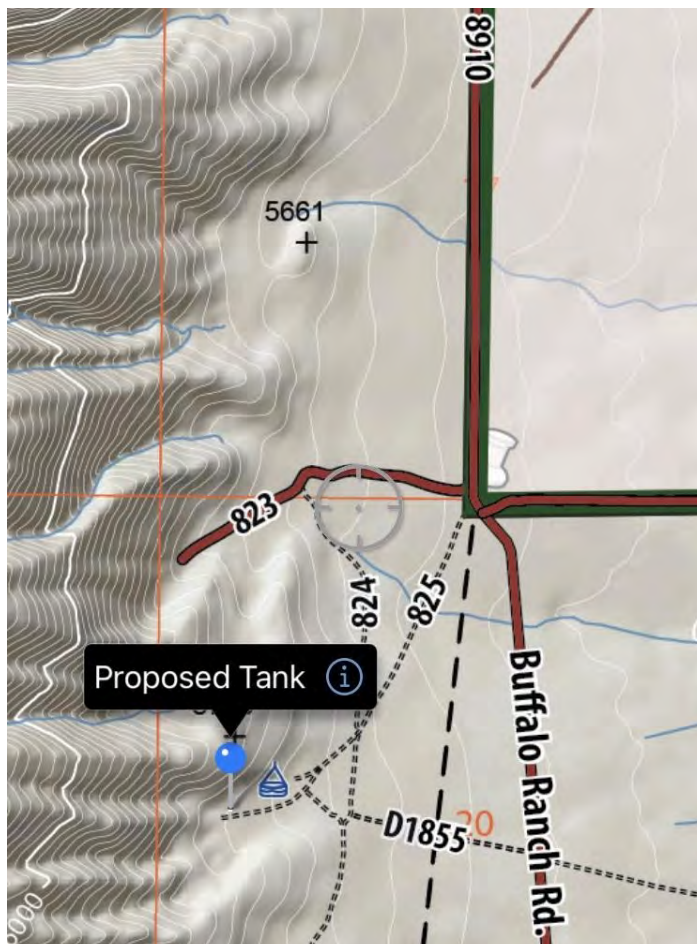
12B Wildlife Manager.

**SUPPORTING DOCUMENTS LIST:**

USFS – NEPA: 69125\_FSPLT2\_031862

**MAPS:**

Approximate Project Location: N 36.50485° / W 112.00040°



**Figure 1.** Location of tank site.

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

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

- 1) **Was a site visit completed (Date and with whom)?**  
A formal site visit with AGFD Seth Pierce and Kenny Haught, and Permittee Brent Mackleprang, was done in the spring of 2020.
- 2) **If this is a dirt tank project, has the site historically held reliable water?**  
N/A
- 3) **If this is a dirt tank project and soil data is available, what type of soil is at the site?**  
N/A
- 4) **If this is a water catchment project, please list the Development Branch coordination date:**  
August 2020
- 5) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**  
No
- 6) **If this is a water catchment project, please list the Development Branch personnel coordinated with:**  
N/A
- 7) **Is there a perennial water source available to big game within four miles of this project?**  
Yes, there are two water sources that fall within the 4 mile radius, however one is a trough fed by the same tater canyon pipeline. The other is Tank 8 on the House Rock Wildlife Area, which is fed by the north canyon pipeline.

Name of water source: Tater Canyon Pipeline

Type of water source (catchment, spring, dirt tank): Trough on pipeline

Ownership of water source: Permittee, USFS

Distance in miles from project: 2.4 miles NE

Name of water source: Tank 8

Type of water source (catchment, spring, dirt tank): Dirt tank on Pipeline

Ownership of water source: AZGFD House Rock Wildlife Area

Distance in miles from project: 3.5 miles East