

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

Game Branch / HPC Project Number:	14-306
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PROJECT INFORMATION

Project Title: Powell Springs Riparian Exclosure	
Region and Game Management Unit: Region III, GMU 19A	
Local Habitat Partnership Committee (LHPC): <ul style="list-style-type: none"> • Prescott (Not Formulated) 	Was the project presented to the LHPC? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Has this project been submitted in previous years? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If Yes, was it funded? YES <input type="checkbox"/> NO <input type="checkbox"/> → Funded HPC Project #(s):	
Project Type: Pipe-rail fence riparian livestock exclosure	
Brief Project Summary: The purpose of this project is to fence out Powell Springs to protect the integrity of the existing spring from livestock grazing and trampling. Project will consist of installing a black pipe pipe-rail fence utilizing AZGFD specifications. Cleanout of the spring box, pipeline and installation of a trough for livestock outside the exclosure will be completed by the Forest Service as part of our match.	
Big Game Wildlife Species to Benefit: Mule deer 60%, elk 20%, mountain lion 5%, black bear 5%, turkey-5%, javelina 5%	

Implementation Schedule (Month/Day/Year): <u>Project Start Date:</u> March 1, 2015 <u>Project End Date:</u> June 30, 2017 Or Sooner.	Environmental Compliance: NEPA Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Projected Completion Date: <u>Bottle Allotment DM signed 11/2/2010</u> State Historic Preservation Office - Archaeological Clearance: Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Projected Completion Date: _____ Arizona Game and Fish Department EA Checklist: N/A <input type="checkbox"/> To be Completed by: _____ Projected Completion Date: _____
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PROJECT FUNDING

Special Big Game License Tag Funds Requested:	\$ 5,000
Cost Share or Matching Funds:	\$ 8,000 FS, NWTF, AZSWC, MDF
Total Project Costs:	\$13,000

PARTICIPANT INFORMATION

Applicant (please print): Dan Garcia de la Cadena	Address: Prescott National Forest	E-mail: dgarciaadelacadena@fs.fed.us
Telephone: (928) 777-2210		Date: August 29, 2014

AGFD Contact and Phone No. (If applicant is not AGFD personnel): Tom Bagley (928) 856-0800

Project has been coordinated with: Celeste Gordon-Verde District Ranger, Steve Sams and Scott Lerich-National Wild Turkey Federation, AZGFD personnel

NEED STATEMENT – PROBLEM ANALYSIS:

Livestock trampling of Powell Spring resulting in temporary loss of aquatic vegetation in the form native sedges riparian grasses and reduced water quality. At one time this spring had been fenced and a water trough had been provided for livestock, but the water development has since become dilapidated.

- Improve and manage wildlife habitat for a variety of native species, including species determined to be threatened, endangered, or sensitive.
- Maintain or improve soil stability, soil productivity, and watershed conditions.

PROJECT OBJECTIVES:

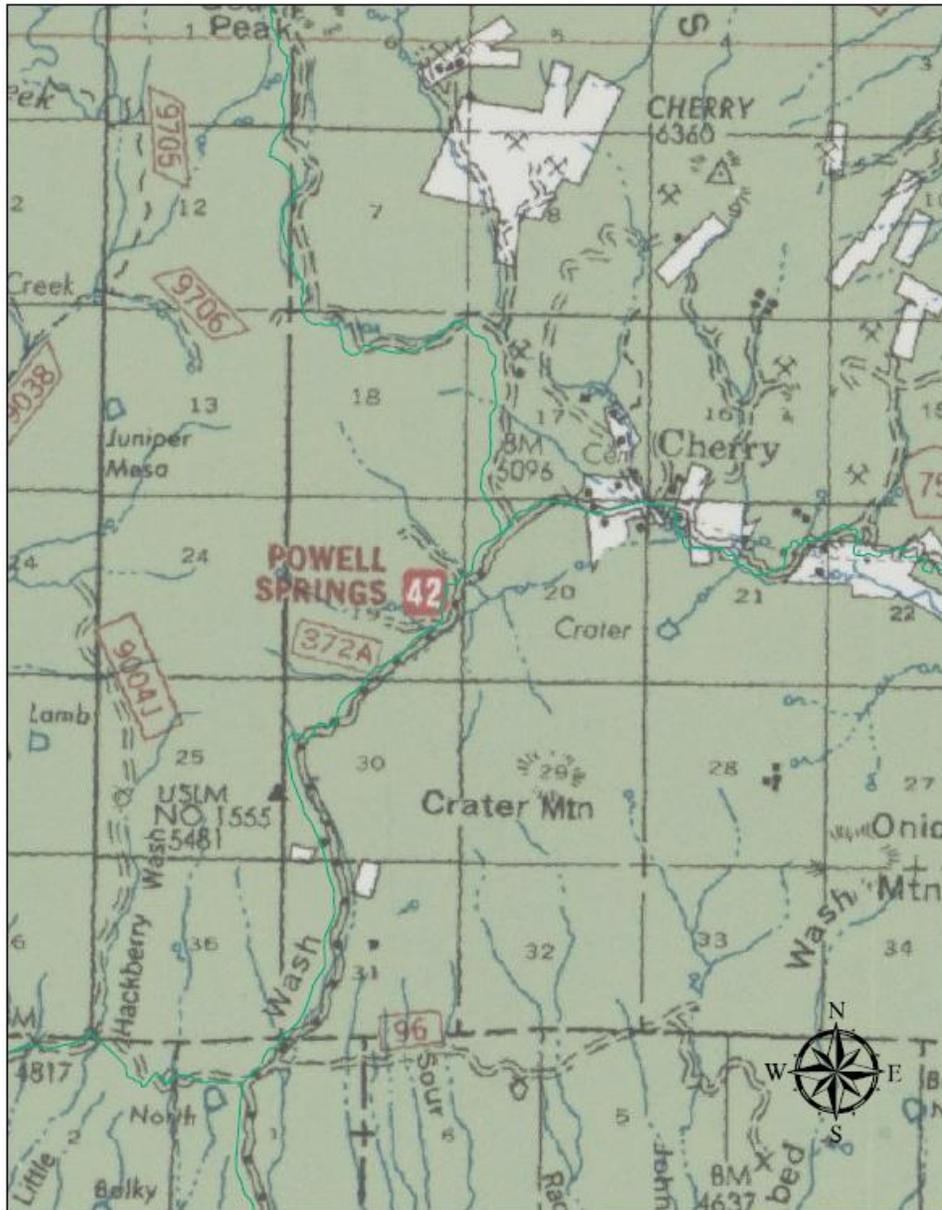
- Protect maintain the integrity of Powell Spring by constructing a pipe-rail fence enclosure allowing the spring and native vegetation to function at its ecological potential.
- Provide livestock with a reliable water source outside of the enclosure.

PROJECT DESCRIPTION AND STRATEGIES:

During the Cherry Creek watershed analysis, Powell and other springs had been identified as important key resources that needed protection to improve the watershed score. Installation of a pipe-rail fence to protect the spring and still provide water outside the enclosure for livestock would meet that goal.

PROJECT LOCATION: Project is located on the Verde Ranger District of PNF;
SE of the NE ¼ of Section 24, T.14N., R. 3 E.

Powell Springs Pipe-rail Fencing Project HPC Proposal



DGC/01 Sept 2014

LAND OWNERSHIP AT THE PROJECT SITE(S):

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

- Prescott National Forest

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:

Located within the Cherry Creek watershed, Powell Spring lies in a small drainage, primarily in chaparral, with some woodland habitat component and stringers of ponderosa pine in the vicinity of the spring. The spring is approximately 1/2 mile from the recreation campground and about 3/4 mile from CR75 with very little if any disturbance from hikers and recreationists. Use by wildlife includes: deer, elk, bear, javelina, turkey, quail and a variety of other small mammals and birds.

ITEMIZED USE OF FUNDS:

Special Big Game License Tag Funds

Requested \$5,000 would be utilized to purchase black pipe for pipe-rail fence.

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

Cooperator	Cost-Share Dollars	HPC Funds Requested
Purchase of material and installation of pipe-rail fence utilizing the AZGFD design standards.	FS--\$1,000 NWTF--\$1000 MDF--\$1,000 AZSWC--\$5,000	\$5,000 For Fence Material
Total: \$13,000	\$8,000	\$5,000
Cost Share Ratio: ~60:40	61.5%	38.5%

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

National Wild Turkey Federation's Scott Leirich and Steve Sams have seen the project and NWTF, Arizona Sportsman for Wildlife Conservation, and Mule Deer Foundation would participate by providing volunteers and/or provide funding for materials & contracting the installation of the pipe-rail fence.

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

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

PROJECT MONITORING PLAN:

Monitoring will be done utilizing pictures and ocular observations by the FS, partners and AZGFD WM.

PROJECT MAINTENANCE:

Maintenance of the pipe-rail fence will be the responsibility of NWTF and their partners, facilitated by the FS. Spring box cleanout, pipeline and livestock trough will be the responsibility of the FS coordinating with the range permittee.

PROJECT COMPLETION REPORT TO BE FILED BY:

By project lead: Dan Garcia de la Cadena, PNF Wildlife Biologist in coordination with Tom Bagley who would provide Department updates as needed.

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

N/A

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

N/A