

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

HPC Project Number:	18-511
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PROJECT INFORMATION

Project Title:	Upper and Lower Ash Springs		
Game Management Unit:	32	Region:	Region 5 (Tucson)
Local Habitat Partnership Committee (LHPC):		Was the project presented to the LHPC?	
Safford		Yes	

Project Location: (Please provide lat/long 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).

LATITUDE/NORTHING:

LONGITUDE/EASTING:

MULTIPLE LOCATION COORDINATES:
Upper Ash Spring N32.51649 / 110.27518; Lower Ash Spring N32.51322 / 110.25672

Project Type:	Water Project		
Water Project Action (if applicable):	Redevelop Spring / Drinkers		
Habitat Restoration Action (if applicable):			
Other Project Type and Action (if applicable):			
Has this project been submitted in previous years?	Similar project occurred in 2008 / springs and troughs no longer functioning.		

PROJECT SUMMARY

Describe the proposed action only. Please use plain English, what action are you proposing? (If applicable, please reference any completed compliance including EAC#).

Brief Project Summary:
Cleanout two springs, repair water line and replace/repair three drinkers. Labor will mostly be completed by Sportsman's Club volunteers and I anticipate this project will be divided into two phases.

Primary Big Game Wildlife Species to Benefit:	White-tailed deer 30%, Mule Deer 15%, Gould's Turkey 25%, Black Bear 25%, Javelina 5%	
Implementation Schedule (Month/Day/Year)	START DATE: 6/30/2019	COMPLETION DATE: 6/30/2020

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><u>HPC Funds Requested</u> Amount: \$1400.00</p> <p><u>Cost Share or Matching Funds</u> Amount: \$2,710.00 (Volunteer Labor)</p> <p><u>Percent Match:</u> 66%</p> <p><u>Total Project Cost</u> Amount: \$ 4110.00</p>	<p>Please email separate quotes if HPC funds are to be used to purchase materials or contracted labor: HPC@azgfd.gov.</p> <p>Two Rainmaker 110 Gallon Drinkers or two RDF Aluminum 138 Gallon Drinkers with covered float valve and built in escape ramp: \$1000.00</p> <p>One Rubbermaid 75 Gallon Drinker \$100.00</p> <p>Heavy Gauge Metal Spring Covers: \$150.00</p> <p>Float Valves, Miscellaneous Connections and Materials: \$150.00</p> <p>Total: \$1400.00</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 ***

AGFD EA Checklist Completed:	N/A	Completion Date:	
NEPA Completed:	N/A (Normal Maintenance)	Completion Date:	
State Historic Preservation Office/ Archaeological Clearance:	N/A	Completion Date:	
Other:	According to the FS, as long as the project remains within the footprint of the existing improvement, NEPA or CE is NOT required. FS will provide a letter of support/approval for the project. Latest email from FS is attached.		

CONTACT INFORMATION

Applicant

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

APPLICANT NAME: John Bacorn

PHONE: 520-591-1485

ORGANIZATION: AZGFD

EMAIL: jbacorn@azgfd.gov

ADDRESS: 555 N. Greasewood, Tucson AZ 85705

AGFD Project Proponent

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

AGFD CONTACT NAME: John Bacorn

PHONE: 520-591-1485

Cooperators

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

Gwen Dominguez (USFS), Compliance

Steve Lunt (USFS), Support

Wade Sanders (SEAZSC), Sportsman’s Club President/Labor

Daniel Ward (SEAZSC), Sportsman’s Club Habitat Project Chair/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:

There is need to improve water availability for White-tailed deer, mule deer, Gould’s turkey, quail and all other wildlife species in the Galiuro Mountains. The Galiuro Mountains has very little permanent water sources during the summer months. Wildlife within the North and South Ash Creek area depend upon dirt tanks and a few springs to provide their water requirements. Few of the dirt tanks are dependable during the summer months and many of the springs are known to dry up during dry summers. This is why there is a need to develop series troughs, piping storage systems to capture and store water from the springs during the wet months to ensure there will be available water for wildlife during the summer months.

In 2008, an HPC project (#08-521) was submitted by the USFS Safford district. This project was approved and completed in 2009, which consisted of installing a new water line from Upper Ash Spring to a new drinker .5 miles down canyon. Cleaning out Lower Ash Spring and installing a new water line approximately 150 yards away to a renovated concrete drinker. Installing a 3000 gallon water storage tank and new drinker approximately 1 mile below Lower Ash Spring and installing a water line from Lower and Upper Ash Springs over 1 mile to the new storage tank and drinker. The two springs provided dependable water for the upper water troughs for years, unfortunately due to unknown reasons water was never dependable at the lowest trough and storage tank. The purpose for HPC 08-521 was to provide a more reliable water source for wildlife year round and for livestock semiannually. The current USFS lessee no longer grazes this allotment

and therefore no maintenance has occurred in several years. Both upper and lower Ash Springs does have water but due to water line issues and other unknown reasons, no longer provides water to the two upper troughs.

The Arizona Game and Fish Department's Management Focus Area Plan for Units 31/32 (2015-2025), state as a Habitat Priority the following:

Priority 1 Issue: With the continued drought conditions and predicted climate change, optimal levels of water sources are lacking throughout the management area for bighorn sheep, mule deer, white-tailed deer, javelina and other wildlife species.

Actions:

- *Maintain all current waters used by wildlife in functional condition, following existing AZGFD protocols.*
- *Continue developing a west GMU 32 Water Development Plan, incorporating the building of 8-10 new water sources by 2025. Three new water catchments have been completed.*
- *Coordinate with land management agencies, landowners, cooperating nonprofit organizations, other partners and volunteers to enhance waters available for wildlife, specifically through the HPC process.*

PROJECT DESCRIPTION AND STRATEGIES:

- 1) Clean out lower Ash Springs, repair/replace water line if needed and install new polyethylene Rainmaker 110 water trough at or near the nonfunctional concrete water trough.
- 2) Clean out upper Ash Springs, install 75 gallon Rubbermaid trough inside the nonfunctioning upper concrete trough. Install 100 foot water line from the spring overflow to new trough.
- 3) Replace upper steel trough with Rainmaker 110 water trough. Repair/replace .5 mile of water line from upper Ash Spring to new trough.
- 4) After springs are repaired installed heavy gauge metal covers.

*I anticipate this project will take 2-3 days to complete and divided into two work phases.

LAND OWNERSHIP AT THE PROJECT SITE(S):

Coronado National Forest

PROJECT MONITORING PLAN:

After completion, the project will be monitored by district AGFD Wildlife Manager and Southeastern AZ Sportsman's Club members.

PROJECT MAINTENANCE:

Maintenance will be performed by district Wildlife Manager, Sportsman's Club members and/or Forest Service lessee.

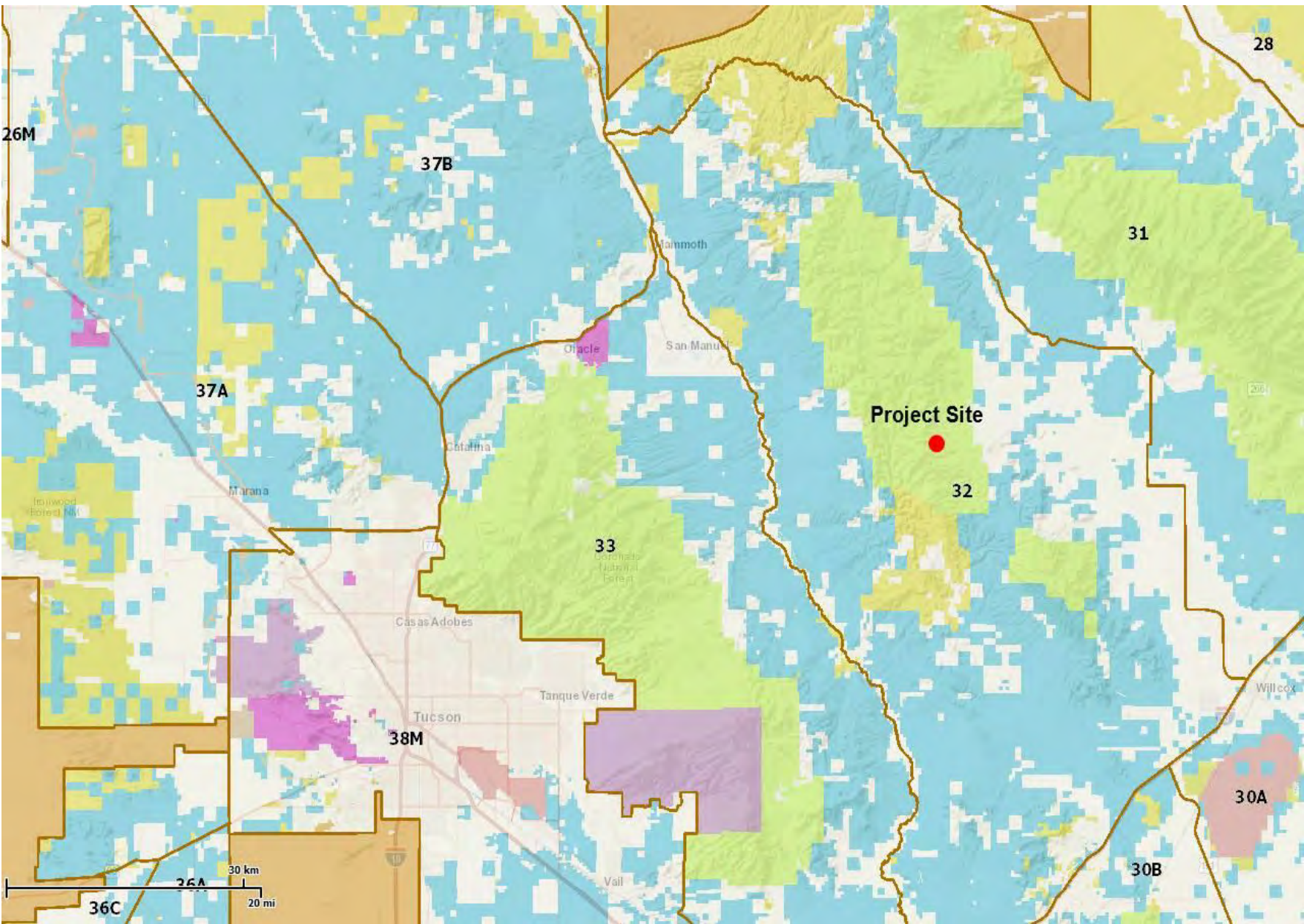
PROJECT COMPLETION REPORT TO BE FILED BY: John Bacorn (AGFD)

SUPPORTING DOCUMENTS LIST:

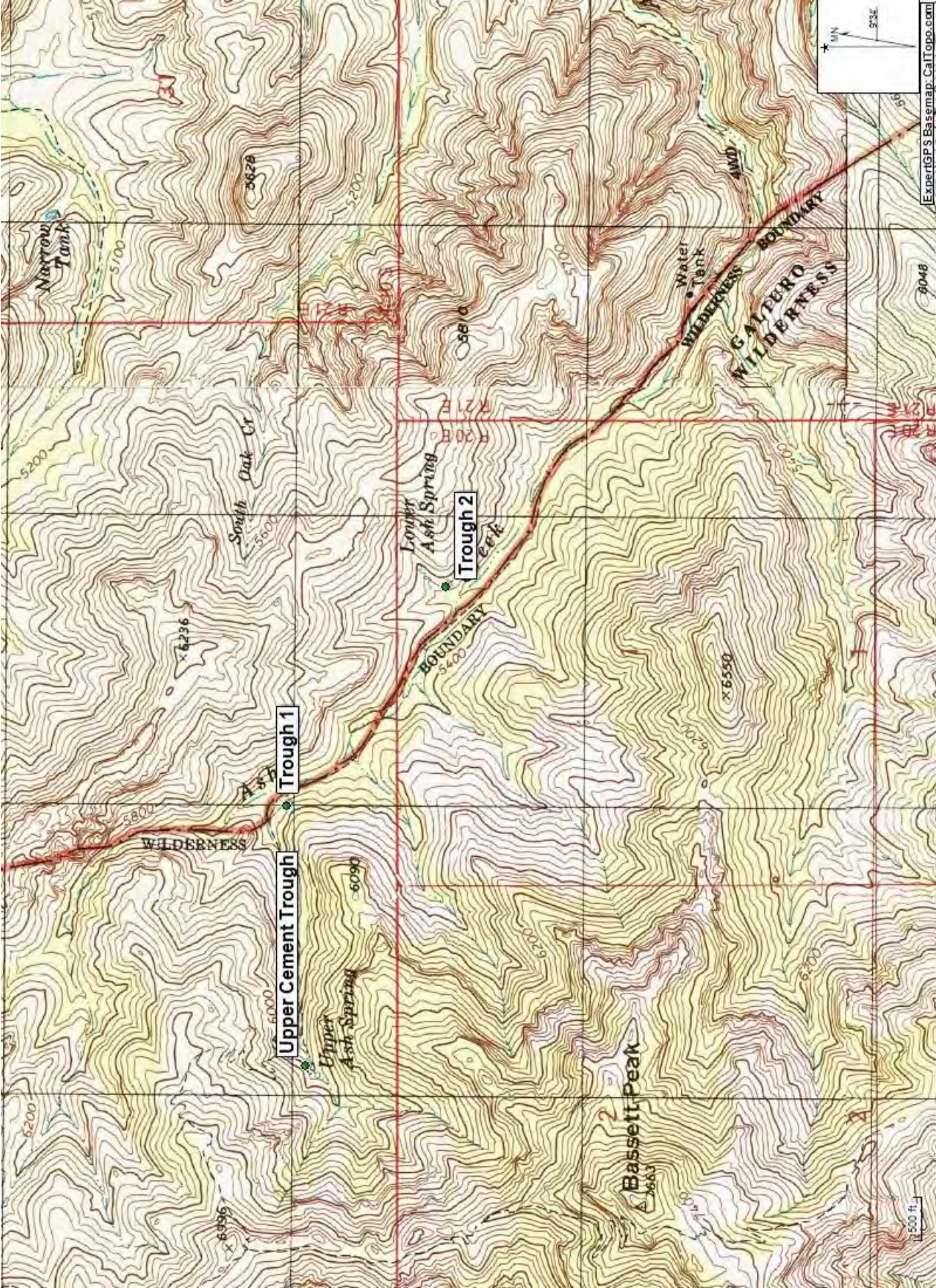
Forest Service approval email.

Have supporting documents been submitted? The Safford District of the Coronado National Forest will provide an official letter of approval at a later date.

Project Location:



Project Site:



Upper Ash Spring



Upper Ash Spring Cement Trough



Upper Ash Spring Steel Trough



Lower Ash Spring 2009



Lower Ash Spring 2018



Lower Ash Spring Concrete Trough



Replacement Drinkers - Rainmaker 110 Drinker



RDF Aluminum Trough



ARIZONA GAME AND FISH DEPARTMENT
WATER DEVELOPMENT WORKSHEET

PROJECT TITLE: Upper and Lower Ash Springs

- 1) **Was a site visit completed (Date and with whom)?**
Site visit included Gwen Dominguez (USFS Range), Steve Lunt (USFS Range), John Bacorn (AGFD Wildlife Manager) on 8/15/2018.
- 2) **If this is a dirt tank project, has the site historically held reliable water?**
Spring development not a dirt tank
- 3) **If this is a dirt tank project and soil data is available, what type of soil is at the site?**
Spring development not a dirt tank
- 4) **If this is a water catchment project, please list the Development Branch coordination date:** N/A
- 5) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”** N/A
- 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 is a dirt tank (Bull Tank) approximately 2.75 miles away in a different drainage.

Upper and Lower Ash Springs HPC Proposal

Dominguez, Gwen R -FS

Thu, Aug 30, 7:54
AM

to me

John,

I have a letter prepared but the FS correspondence system is down and I won't be able to produce the letter for you at this time.

But I have talked to Curt and he is on board with the HPC proposals. He agrees that they are all routine maintenance and do not need NEPA clearance. I would like to remind those who work on the Upper Spring that portions are within the wilderness boundary and only hand tools can be used for any work inside the wilderness.

Thank you!

Gwen Dominguez
Range Staff
Forest Service
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c: 928-965-8545
f: 928-428-2393
gwenrdominguez@fs.fed.us
711 S 14th St
Safford, AZ 85548
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Caring for the land and serving people

ARIZONA GAME AND FISH DEPARTMENT

VOLUNTEER HOURLY RATES AND CLASSIFICATIONS WORKSHEET

PROJECT TITLE: Upper and Lower Ash Springs

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

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

Water Development	Volunteer Hours	Volunteer Miles	Hourly Rate	Estimated Value
	160	1000	\$14.14	\$2,710.00
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				