

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

HPC Project Number:

17-614

PROJECT INFORMATION

Project Title:		Pine/Hog Canyon Dirt Tank Repair	
Game Management Unit:	22	Region:	6
Local Habitat Partnership Committee (LHPC):		Was the project presented to the LHPC?	
Payson Natural Resources Committee		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).			
<p>MULTIPLE LOCATION COORDINATES: Cherry 34.3253, -111.3719. Gravel 34.3152, -111.3668. New 34.3051,-111.3749. Brushy 34.2957,-111.3812. Point 34.3069,-111.3938. Connolly Point 34.3041,-111.4145. Juniper 34.3126,-111.4447. Buckhead 34.3234,-111.4270. Mitigation 34.3327,-111.4435. Red Hill 34.3454,-111.4308. Ezekiel's 34.3585,-111.4339. Red Hills Saddle 34.3601,-111.4288. Bob 34.1297,-111.2374. Oxbow 34.1413,-111.3464. Joe 34.1739,-111.2910. Hill Cabin 34.1798,-111.3174. Jackson 34.1873,-111.3257</p>			
Project Type:	Dirt tank clean and repair		
Water Project Action (if applicable):	Clean and repair 17 dirt tanks on 2 allotments in Unit 22		
Habitat Restoration Action (if applicable):			
Other Project Type and Action (if applicable):			
Has this project been submitted in previous years?	No		
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: This project will cleanout and repair 17 dirt tanks in Unit 22. 12 of these tanks are in the pine area and 5 of the tanks are in the Hog Canyon area South of Payson. Three of these tanks are in the area of the Round Valley grassland restoration project proposal.			
Primary Big Game Wildlife Species to Benefit:	Elk 70%, Mule deer 20%, White tail 10%		
Implementation Schedule (Month/Day/Year)	START DATE: 3/1/18	COMPLETION DATE: 8/30/18	

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: HPC@azgfd.gov.</p>
<p><u>HPC Funds Requested</u></p> <p>Amount: \$76,500</p>	<p>HPC funds- \$76,500- Pay for diesel fuel, bentonite where needed.</p>
<p><u>Cost Share or Matching Funds</u></p> <p>Amount: \$12,000</p>	<p>\$1000(AGFD)- Provided in-kind contributions in the form of labor for contract administration, project origination, and project coordination/completion.</p>
<p><u>Percent Match</u></p> <p>14%</p>	<p>\$1000(USFS)- Provided administrative support in the form of necessary NEPA and archaeological clearances. Provide letter of approval for implementation of project.</p>
<p><u>Total Project Cost</u></p> <p>Amount: \$88,500</p>	<p>\$10,000- Pine/Hog Canyon permittee- Provide heavy equipment and transport to work sites. Provide labor for Heavy equipment transportation and operation.</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 Existing improvement	Completion Date:	Yearly AOI modification
State Historic Preservation Office/ Archaeological Clearance:	N/A Existing improvement	Completion Date:	Yearly AOI modification

CONTACT INFORMATION

Applicant

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

APPLICANT NAME: Dave Daniels

PHONE: 480-528-8774

ORGANIZATION: AZGFD

EMAIL: ddaniels@azgfd.gov

ADDRESS: 7200 E University Mesa AZ 85207

AGFD Project Proponent

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

AGFD CONTACT NAME: Dave Daniels

PHONE: 480-528-8774

Cooperators

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

AGFD
USFS Tonto National Forest
Pine/Hog Canyon Permittee

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:

The five tanks in the Hog Canyon area south of Payson and the 12 Tanks south of Pine are badly silted in and in need of cleaning out. His project will disperse perennial water over two large tracts of good wildlife habitat in unit 22.

PROJECT DESCRIPTION AND STRATEGIES:

Provide dependable year round water for wildlife in two large areas in unit 22

LAND OWNERSHIP AT THE PROJECT SITE(S):

The land is managed by the US Forest Service, Tonto National Forest, Payson Ranger District.

PROJECT MONITORING PLAN:

AGFD and USFS will monitor the progress of the project

PROJECT MAINTENANCE:

Pine/Hog Canyon permittee will maintain the tanks

PROJECT COMPLETION REPORT TO BE FILED BY:

Dave Daniels- AGFD

SUPPORTING DOCUMENTS LIST:

The updated AOI will be submitted within the month

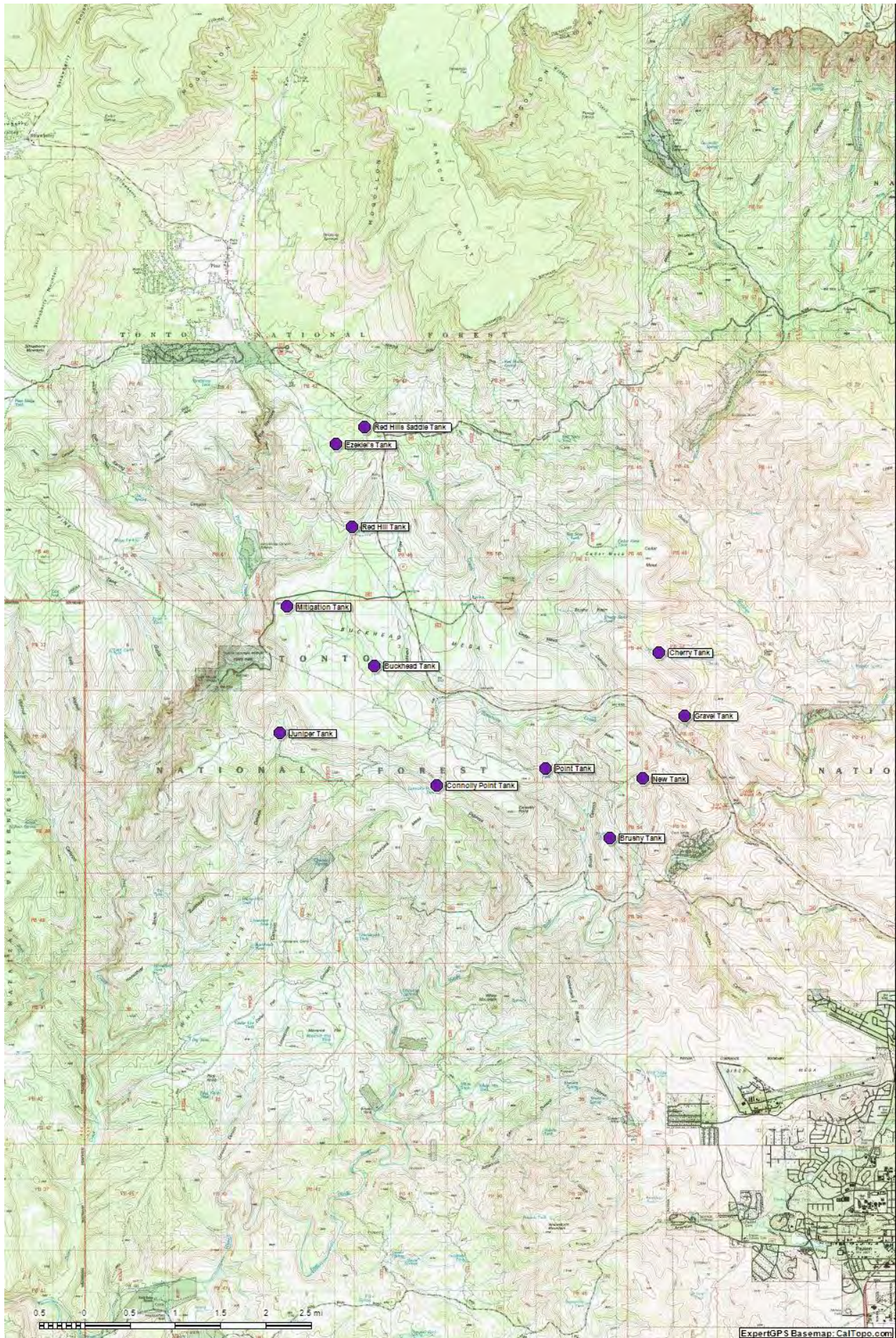
Have supporting documents been submitted?

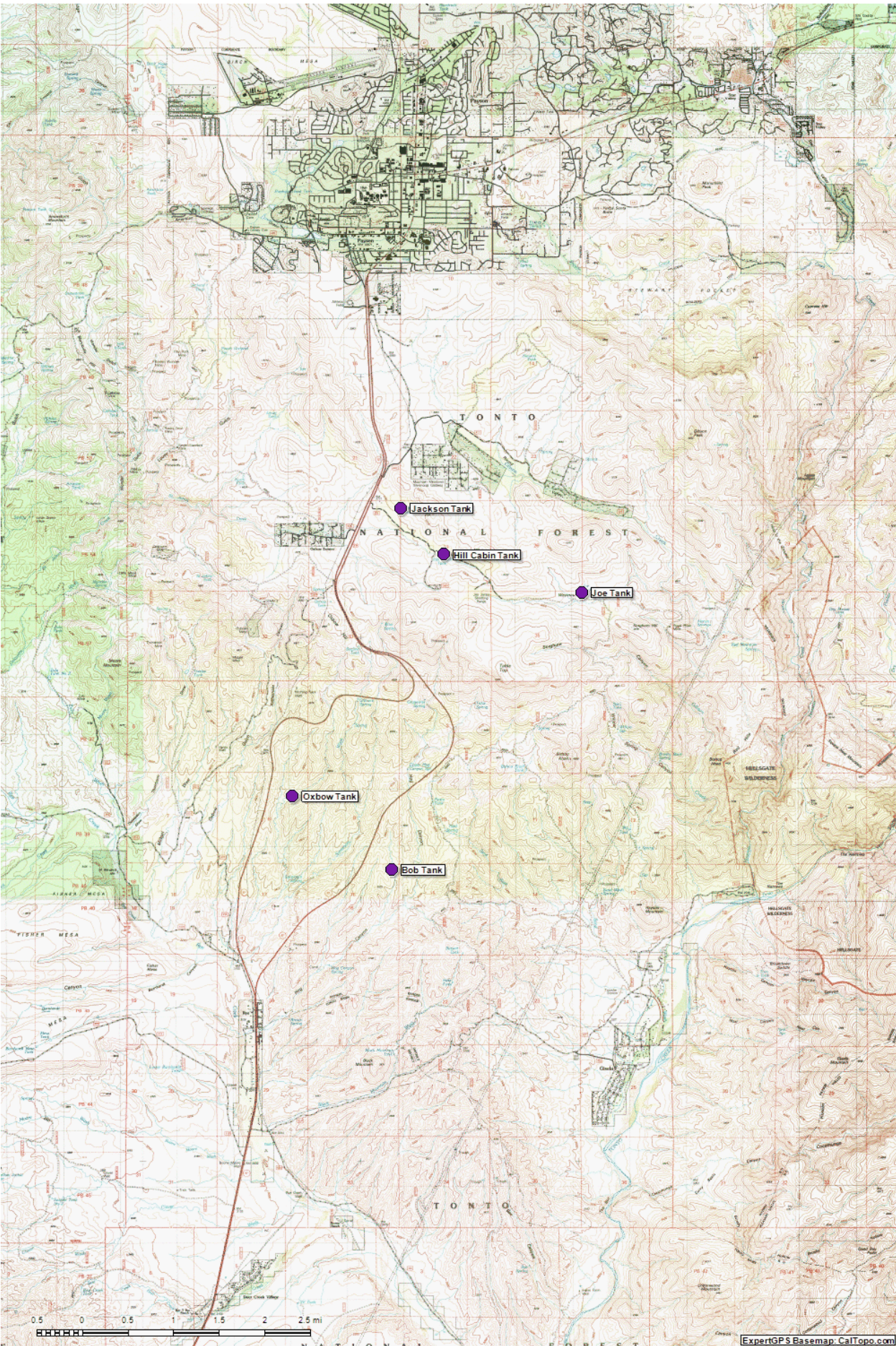
Yearly AOI is finished waiting for paperwork from USFS

ARIZONA GAME AND FISH DEPARTMENT
WATER DEVELOPMENT WORKSHEET

PROJECT TITLE: Pine/Hog Canyon Dirt Tank Repair

- 1) **Was a site visit completed (Date and with whom)?**
8/17
Kelly Bedson USFS
Sterling Thomas Hardt Creek Ranch
- 2) **If this is a dirt tank project, has the site historically held reliable water?**
Yes
- 3) **If this is a dirt tank project and soil data is available, what type of soil is at the site?**
- 4) **If this is a water catchment project, please list the Development Branch coordination date:**
- 5) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**
- 6) **If this is a water catchment project, please list the Development Branch personnel coordinated with:**
- 7) **Is there a perennial water source available to big game within four miles of this project?**
This project will provide perennial water over two large areas in 22North and in 22South. Currently perennial water in the areas are more than 4 miles apart.





Pine/Hog Canyon

Tank	Volume (cubic yards approx.)	Mob/Demob Equipment	Travel Distance (Mi)	Travel Time (Hrs)	Travel Cost	Hrs For Removal	Repair Price	Total Fuel Cost	Total Cost
Red Hill	1,111	\$667	5.8	6	\$1,350.00	25	\$5,625.00	\$1,680.00	\$8,655.00
Ezekiel's	646	\$667	1.4	2	\$450.00	20	\$4,500.00	\$1,260.00	\$6,210.00
Red Hills Saddle	613	\$667	4	4	\$900.00	20	\$4,500.00	\$1,320.00	\$6,720.00
Bob	4,000	\$1,000	11.96	12	\$2,700.00	40	\$9,000.00	\$2,760.00	\$14,460.00
Oxbow	4,171	\$1,000	11.2	12	\$2,700.00	40	\$9,000.00	\$2,760.00	\$14,460.00
Joe	1,171	\$667	7.84	8	\$1,800.00	25	\$5,625.00	\$1,740.00	\$9,165.00
Hill Cabin	1,435	\$667	3.52	4	\$900.00	25	\$5,625.00	\$1,620.00	\$8,145.00
Jackson	1,203	\$667	0.8	1	\$225.00	25	\$5,625.00	\$1,530.00	\$7,380.00
Cherry	822	\$750	4.88	5	\$1,125.00	20	\$4,500.00	\$1,350.00	\$6,975.00
Gravel	442	\$750	1.6	2	\$450.00	20	\$4,500.00	\$1,260.00	\$6,210.00
Buckhead	10,159	\$750	3	3	\$675.00	50	\$11,250.00	\$3,090.00	\$15,015.00
Mitigation	2,021	\$750	1	1	\$225.00	30	\$6,750.00	\$1,830.00	\$8,805.00
New	687	\$400	4.4	5	\$1,125.00	20	\$4,500.00	\$1,350.00	\$6,975.00
Brushy	1,167	\$400	5.52	6	\$1,350.00	25	\$5,625.00	\$1,680.00	\$8,655.00
Point	1,124	\$400	8.8	9	\$2,025.00	25	\$5,625.00	\$1,770.00	\$9,420.00
Connally Point	1,453	\$400	9.52	10	\$2,250.00	25	\$5,625.00	\$1,800.00	\$9,675.00
Juniper	1,865	\$400	13.52	14	\$3,150.00	30	\$6,750.00	\$2,220.00	\$12,120.00

Description	Rate	Average Tank Cost
320 Excavator	\$85.00	\$9,355.59
Dozer	\$140.00	
Loader	\$85.00	
Fuel	\$3.00	