

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

/ HPC Project Number:	18-106
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PROJECT INFORMATION

Project Title: Unit 4A Dirt Tank Maintenance 2019	
Region and Game Management Unit: Region I - Unit 4A	
Local Habitat Partnership Committee (LHPC): • Winslow	Was the project presented to the LHPC? YES <input checked="" type="checkbox"/> NO <input 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"/> → HCP Project #:	
Project Type: Clean Silted in Dirt Tanks	
Brief Project Summary: Many of the water sources in unit 4A are dirt tanks. On Forest Service land, many of these tanks have become silted in over the years and only provide water for a short duration. Typically when water is the most critical (May and June) these tank are dry. This project will help address water issues, especially in May/June.	
Big Game Wildlife Species to Benefit: 50% elk 30% deer 5% Pronghorn 15% turkey	
Implementation Schedule (Month/Day/Year): Project Start Date: Calendar Year 2019 Project End Date: Calendar Year 2019	Environmental Compliance: NEPA Completed: YES <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Projected Completion Date: <u>2017</u> State Historic Preservation Office - Archaeological Clearance: YES <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Projected Completion Date: <u>see attached</u> Arizona Game and Fish Department EA Checklist: N/A <input checked="" type="checkbox"/> To be Completed by: _____ Projected Completion Date: _____

PROJECT FUNDING

Special Big Game License Tag Funds Requested:	\$30,000.00
Cost Share or Matching Funds:	\$ 26,800.00
Total Project Costs:	\$56,800.00

PARTICIPANT INFORMATION

Applicant (please print): Ken Clay	Address: 2878 E. White Mtn Blvd Pinetop, AZ 85935	E-mail: kclay@azgfd.gov
Telephone: 928-856-0816		Date: 8-31-2018

AGFD Contact and Phone No. (If applicant is not AGFD personnel):

Project has been coordinated with: Black Mesa Ranger District Ranger, Kendal Hughes; Wildlife Manager Unit 4A, Ken Clay

NEED STATEMENT – PROBLEM ANALYSIS:

The Forest Service land within Unit 4A has always been challenged with perennial water for wildlife. Most of the natural perennial water occurs in the southern part of Unit 4A, in the bottom of the big canyons that drain off the Mogollon Rim. The central to northern part of these Units rely of man-made waters. In the early days of livestock and wildlife management, in the Black Mesa Ranger District, water developments played a major role in improving habitat throughout the Forest. Many water catchments were constructed but most of the water developments were in the form of dirt tank construction. Dirt tanks are cheap and easy to build but do require routine maintenance.

The Limestone Allotment, in Unit 4A, has been inactive since the mid-1990. Without an active permittee the water situation on this allotment has turned poor over the last 20 years. During the last two HPC cycles, approximately 32 dirt tanks have been cleaned using HPC dollars in the Limestone Allotment. Along with these tanks, the Forest Service cleaned about 15 tanks in this allotment as well. In 2018, the permittee on the Wallace Allotment cleaned about 20 tanks with their own funds. Each of these tanks represents a much better water distribution in Unit 4A. The benefit of the tank cleanings came about during this past summer. Tanks that were cleaned on the Wilkens Pasture in 2017 all caught water last summer. Several tanks actually provided wildlife water through mid-June 2018. Prior to cleaning these tanks, water collected in the summer would only last about 5-6 months. These recently cleaned tanks played a major role in provided wildlife water during this severe drought of 2017-18.

The proposed project for this year is to clean an additional 20 tanks on both the Limestone Allotment. This allotment is owned by Paul CHARLTON. There are around 50 tanks on these two allotments that have all compliance clearances completed by the Forest Service. The main focus will be tanks on FR 62, 115, and 115B.

The proposed project is also to provide funds to clean tanks on either the Wallace or the Chevelon Canyon Allotments. John SUTPHIN owns both of these allotments. SUTPHIN cleaned about 20 tanks on the Wallace Allotment during 2017 with his own funds. There are around 50 tanks on these two allotments that have all compliance clearances completed by the Forest Service.

PROJECT OBJECTIVES:

Improve permanent water distribution for wildlife. This will be accomplished in the following manner:

- Black Mesa RD has done the arc and surveys on all dirt tanks in the Tentground pasture within the limestone allotment, and all the tanks on both Wallace and Chevelon Canyon Allotments.
- The permittee will do the work themselves or hire a contractor to clean the silt from the Dirt Tanks identified on the Forest
- All the dirt tanks are smaller road side tanks that will pay \$750/tank to clean.

PROJECT DESCRIPTION AND STRATEGIES:

Remove many years of silt build-up from as many dirt tanks as the funds will pay for.

PROJECT LOCATION:

See attach maps.

LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):

IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

YES[] NO[]

HABITAT DESCRIPTION:

Ponderosa Pine to Pinyon/Juniper habitat.

ITEMIZED USE OF FUNDS:

Special Big Game License Tag Funds

	Total Cost	\$56,800.00
SBG Funds	Funds Requested	\$30,000.00
Administrative Work AZGFD and USFS	Cost Share	\$26,800.00

Cost Share or Matching Funds

	Man/Hours	Quantity	Cost	Total
Clean Average size tank with	6 hrs/ tank @\$125.00/hour	40	@750/tank	\$30,000.00
Archaeological and wildlife surveys plus NEPA paperwork	N/A	40	@670/tank	\$26,800.00

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

- US Forest Service Black Mesa RD (arc survey and category exclusion)
- Paul Charlton (Limestone Permittee) will clean 20 dirt tanks Limestone Allotment
- John Sutphin will clean 20 dirt tanks on either the Wallace or Chevelon Canyon Allotments

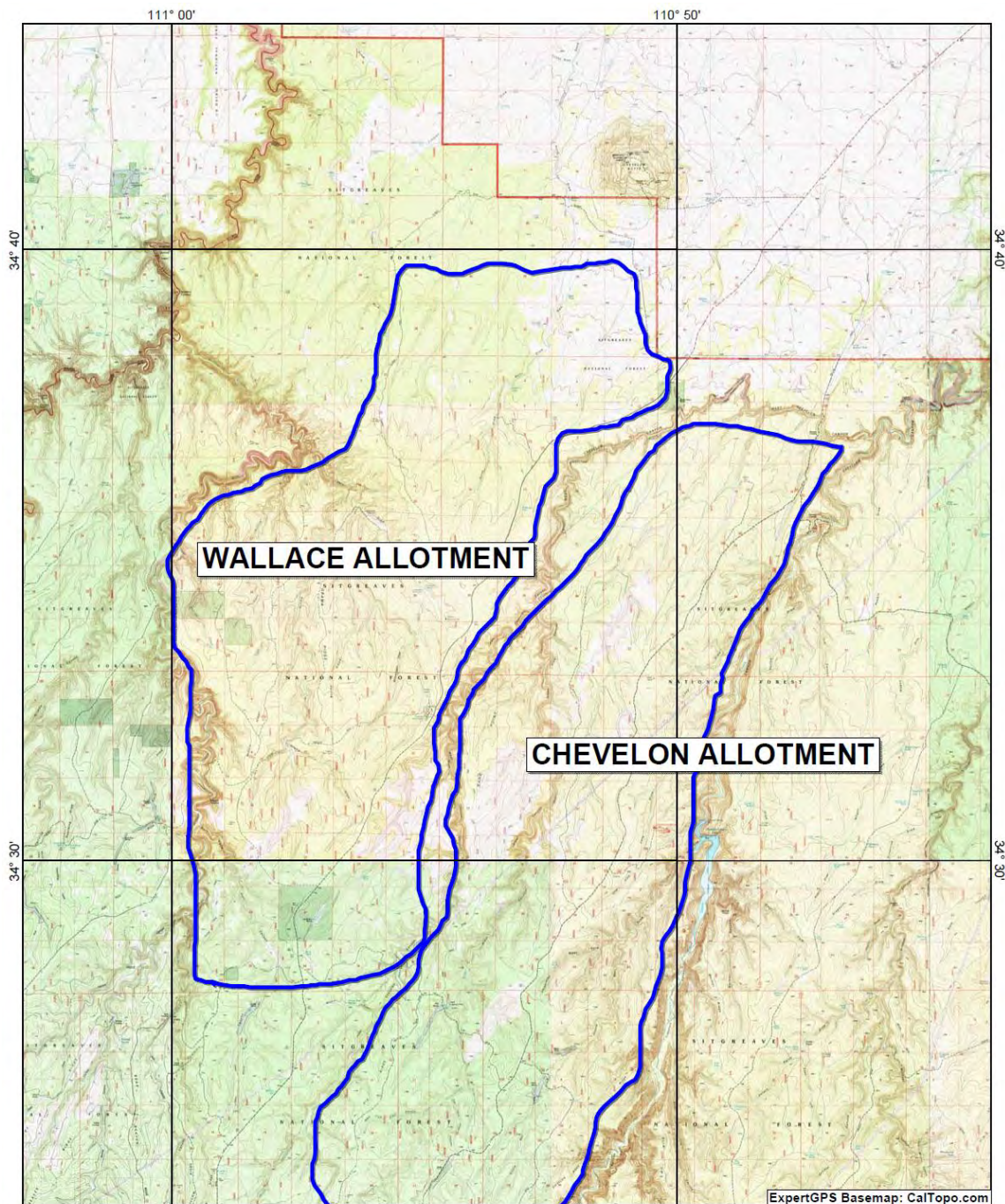
PROJECT MONITORING PLAN:

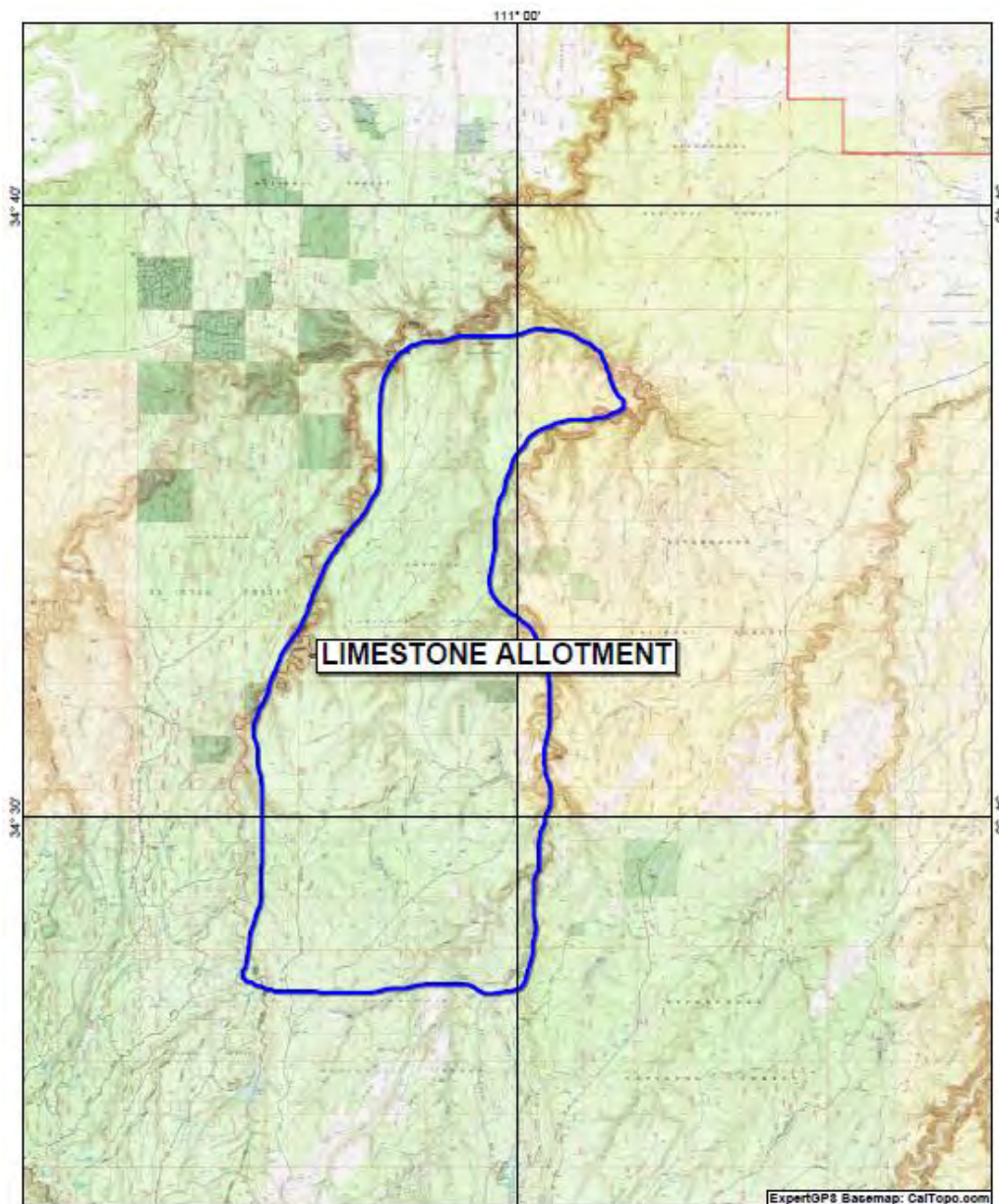
Ken Clay AZ Game & Fish will take photos before and after the project. These tanks should fill in a during summer monsoon storms.

PROJECT MAINTENANCE:

NA

PROJECT COMPLETION REPORT TO BE FILED BY: K.Clay





ExpertGPS

1 mi