

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

PROJECT INFORMATION

Project Title: Magoffin Ranch Vegetation Treatment

Project No. 10-503

Region/GMU: RV GMU 30A

HPC:

Project Type: Grassland restoration

Project Description:

This combination of projects are designed to restore native grasslands by using a aerial chemical land treatment which will remove aggressive native brush and allow the watershed to again encourage native grasses. The use of aerial spray is the least intrusive to the land which lies within the Malpai Borderlands working area. The promotion of grassland and wildlife protection is critical to maintaining the open space concept of the ranch. The landscape is adjacent to the Baker Wilderness Area and Guadalupe Canyon both of which act as corridors for wildlife. The installation of a permanent well will be accomplished with Livestock and Crop Conservation Grant Program (LCCGP) funding and will benefit both Whitetail and Mule deer populations which should increase revenues from big game hunters. The plan is going to be presented to LCCGP, NRCS (EQUIP) and possible funding with the Malpai Borderlands Group which comes from US Fish and Wildlife. The project will take place on Arizona State Trust Lands and possibly some deeded acres as well.

The project will take place in sections (to be determined) and encompass a total of 1920 acres of aerial spray, less than one acre will be used for a well, solar and storage tank. The expected outcome will be a permanent water source in an otherwise dry area in drought. The neighboring ranch has several springs that have been fence to protect them, but a project done in conjunction with that had several miles of pipeline and troughs. Those pipelines were burned in a fire and the results are there are no longer continuous waters for wildlife in droughty times. Although we cannot control waters on that ranch, we can provide a new source close by which we expect will greatly enhance wildlife numbers and distribution resulting in increased wildlife populations for future generations

The project will be monitored by the Magoffin Ranch as well as NRCS and possibly Arizona State Lands. We expect to use Tanner Well Service out of Hereford Arizona for the well and solar, and Magoffin Ranch family members to construct the pipelines and plumb the troughs and tanks. Crop Production Service would be the contractors for aerial spraying and are used regularly by the Douglas NRCS.

We would expect the well and the brush management to have a 20 to 25 year longevity. Well and pump maintained by ranch family members should assure permanent water for wildlife as long as the water table remains the same. Twenty to twenty five years is about the best results on any land treatment, but possible control burns in the future could extend the success of grassland restoration beyond that goal.

Wildlife Species to Benefit: Deer – both species

Possible Funding Partners: LCCGP, NRCS (EQUIP) and possible funding with the Malpai

Borderlands Group which comes from US Fish and Wildlife.	
Implementation Schedule: Beginning: Spring 2011 Completed: Within 2 years of funding	NEPA Compliance: (if applicable) Completed: Yes ___ No ___ Projected Completion Date:
PROJECT FUNDING	
SBG Funds Requested: \$34,231 (for vegetation treatment only)	
Cost Share Funds: \$104,850	
Total Project Costs: \$139,081	
PARTICIPANT INFORMATION	
Applicant: Anna Magoffin (please print) Telephone: 520 558-2471	Address: Box 1021 Douglas, AZ 85608
AGFD Contact and Phone No. (If applicant is not AGFD personnel) Brad Fulk Tucson Region AZGFD	
Coordinated with: Brad Fulk	Date: September 1, 2010
Applicant's signature:	Date:

SEND COMPLETED APPLICATIONS TO:

Game Branch
AZ Game and Fish Dept.
5000 W. Carefree Highway
Phoenix, AZ 85086

WAS PROJECT PRESENTED TO THE LOCAL HPC? YES NO

HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?
NO

NEED STATEMENT/PROBLEM ANALYSIS:

Native grasslands invaded by brush are currently not very productive for wildlife. There is a need to remove invading brush species to increase herbaceous grassland species.

PROJECT OBJECTIVES:

Restoration of 1920 acres of native grasslands, provide permanent water for area wildlife

PROJECT STRATEGIES:

Spray herbicide to treat approximately 1920 acres.

PROJECT LOCATION:

See attached maps

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

State land

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

HABITAT DESCRIPTION:

Chihuahuan desert shrub

ITEMIZED USE OF FUNDS:

See attachment

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

The plan is going to be presented to LCCGP, NRCS (EQUIP) and possible funding with the Malpai Borderlands Group which comes from US Fish and Wildlife.

PROJECT MONITORING PLAN:

Magoffin Ranch owners and employees to monitor and supervise project

PROJECT MAINTENANCE:

20-25 year life expectancy of treatment. Prescribed fire will be used as post treatment maintenance.

PROJECT COMPLETION REPORT TO BE FILED BY:

Anna Magoffin