

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

Game Branch / HPC Project Number:	14-209
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**PROJECT INFORMATION**

<b>Project Title:</b> Buck Skin Chaining Maintenance	
<b>Region and Game Management Unit:</b> Region II Unit 12B	
<b>Local Habitat Partnership Committee (LHPC):</b> •	<b>Was the project presented to the LHPC?</b> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<b>Has this project been submitted in previous years?</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <b>If Yes, was it funded?</b> YES <input type="checkbox"/> NO <input type="checkbox"/> → <b>Funded HPC Project #(s):</b>	
<b>Project Type:</b> Habitat enhancement project	
<b>Brief Project Summary:</b> Funding for the purchase of mulching type head for a track loader to conduct chaining maintenance in the Buckskin chaining.	
<b>Big Game Wildlife Species to Benefit:</b> Mule Deer	

<b>Implementation Schedule</b> (Month/Day/Year):  <u>Project Start Date:</u> Spring 2015  <u>Project End Date:</u> Fall 2015	<b>Environmental Compliance:</b> NEPA Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Projected Completion Date: <u>2006DNA</u>  State Historic Preservation Office - Archaeological Clearance: Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Projected Completion Date: _____  Arizona Game and Fish Department EA Checklist: N/A <input checked="" type="checkbox"/> To be Completed by: _____ Projected Completion Date: _____
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**PROJECT FUNDING**

<b>Special Big Game License Tag Funds Requested:</b>	\$ 30,000.00
<b>Cost Share or Matching Funds:</b>	\$ 64,000.00 for purchase of track loader
<b>Total Project Costs:</b>	<b>\$ 94,000.00</b>

**PARTICIPANT INFORMATION**

<b>Applicant</b> (please print): Arizona Strip Fire, Fuels and Aviation Cris Madrigal	<b>Address:</b> 345E Riverside Dr. St. George UT, 84790	<b>E-mail:</b> cmadrigal@blm.gov
<b>Telephone:</b> 435-680-5924	<b>Date:</b> 8/26/2014	

**AGFD Contact and Phone No.** (If applicant is not AGFD personnel): Cris Madrigal 435-680-5924

**Project has been coordinated with:**  
Tim Shurtliff Arizona Game and Fish

**NEED STATEMENT – PROBLEM ANALYSIS:**

The Buskin project site was chained and burned in 2009. In the past few years new and trees not killed in the prescribed fire have developed within the chaining. Once trees become reestablished in a chaining they can overtake and out-compete more desirable vegetation.

In other chaining's maintenance has not been done and those -areas have become over grown with pinyon and juniper trees.

By performing chaining maintenance the effort to develop the chaining will be extended for many more years thus providing a wide range of habitat conditions for native wildlife including mule deer. Maintenance of existing chaining's is accomplished for much less cost than the original effort of establishing them.

**PROJECT OBJECTIVES:**

Reduce the encroaching and remnant trees within the chaining unit.

**PROJECT DESCRIPTION AND STRATEGIES:**

This project will reduce/eliminate smaller trees within the previous chained unit by using a track loader with a mulching head attachment.

**PROJECT LOCATION:**

T. 41 N., R.2 E., Sec.27, 28, 33, 34

**LAND OWNERSHIP AT THE PROJECT SITE(S):**

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

- Federal Government, Bureau of Land Management, Arizona Strip District

*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:**

The project area within the Buckskin Mountains is best described as a pinyon and juniper woodland. Elevation is approximately 6,500 ft. Trees within the project are mostly mature (left from chaining 2009) with smaller trees reseeding throughout the unit.

Understory plants are limited in many areas of mature woodlands'. Where shrubs do exist, species such as cliff rose, antelope bitterbrush, and sage species provide the deer with forage in winter. Within the chaining unit seeding effort and native seed bank germination have resulted in a wide range of grass, forb, and brush species valuable to native wildlife.

**ITEMIZED USE OF FUNDS:**

Special Big Game License Tag Funds

22000.00 For purchase of mulching attachment 8000.00 for purchase and installation of heavy duty protection package for track loader.

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

Matching Funds: 64000.00 for the purchase of the track loader. The track loader was purchased with high flow hydraulics for the purpose of running the mulching head.

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

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

YES NO N/A

**PROJECT MONITORING PLAN:**

Project will be monitored by the BLM for needed treatment on a yearly basis.

**PROJECT MAINTENANCE:**

As needed

**PROJECT COMPLETION REPORT TO BE FILED BY:**

Cris Madrigal

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

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

## **ARIZONA GAME AND FISH DEPARTMENT** **TREE CLEARING/REMOVAL WORKSHEET**

**PROJECT TITLE:** Buckskin

- 1) **What is the estimated acreage of the project?**  
1000Acres
- 2) **How are the trees going to be cleared? (agra axe, chain saw, grubbing, push, chaining):**  
The use of a mulching head attached to a track loader will be the source of tree removal.
- 3) **What is the estimated number of trees per acre?**  
20-30 Trees per acre
- 4) **Describe trees to be cleared (species, estimated diameter, single stem, multi-stem):**  
Pinion and Juniper mix with a DBH of 18" or smaller.
- 5) **Describe terrain (slope, soil type, rocks)**  
Slope 0-10% in most areas  
Loamy soil condition through most of the unit
- 6) **Please list any special land management status for the project site (e.g. Wilderness, National Park, National Monument). If private land, list landowner.**  
None
- 7) **Please provide the following information about access to the proposed site:**  
Type of access (mark one): 2x4 vehicles 4x4 only Foot only\*\*

\*\*If foot access only: Distance in miles:    Approx. hiking time:

Does access to this site require crossing private or tribal lands? YES[] NO[x]

Is the site relatively accessible for tree removal equipment? YES[x] NO[]

Please describe any restrictions to public access: