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

<b>PROJECT INFORMATION</b>	
<b>Project Title:</b> Body condition analysis for Unit 12A West Mule Deer	<b>Project No.</b>
<b>Region/GMU:</b> 12A West	<b>HPC:</b>
<b>Project Type:</b> Monitoring	
<b>Project Description:</b> During March 2010, 40 mule deer will be captured using a contract vendor and tested for body condition by Department vet staff to determine body condition on the Unit 12A west side winter range to determine what body condition is and compare with estimated numbers on the winter range.	
<b>Wildlife Species to Benefit:</b> Mule deer	
<b>Possible Funding Partners:</b>	
<b>Implementation Schedule:</b> Beginning: March 2009 Completed: March 2009	<b>NEPA Compliance: (if applicable)</b> Completed: Yes ___ No <u>X</u> Projected Completion Date: March 2009
<b>PROJECT FUNDING</b>	
<b>SBG Funds Requested:</b> \$28,000	
<b>Cost Share Funds:</b> \$15,000	
<b>Total Project Costs:</b> \$43,000	
<b>PARTICIPANT INFORMATION</b>	
<b>Applicant:</b> Brian Wakeling (please print) <b>Telephone:</b> 623-236-7385	<b>Address:</b> 5000 West Carefree Highway Phoenix, AZ 85086
<b>AGFD Contact and Phone No.</b> (If applicant is not AGFD personnel)	
<b>Coordinated with:</b> Kaibab Review Team, Region 2 Staff	<b>Date:</b> August 11, 2009
<b>Applicant's signature:</b> 	<b>Date:</b> August 31, 2009

**SEND COMPLETED APPLICATIONS TO:**  
**AZ Game and Fish Department**  
**Attn: Game Branch**  
**5000 W. Carefree Highway**  
**Phoenix, AZ 85086**  
[rgregory@azgfd.gov](mailto:rgregory@azgfd.gov)

**WAS PROJECT PRESENTED TO THE LOCAL HPC?      YES \_\_\_\_\_      NOX \_\_\_\_\_**

**HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?**

No

**NEED STATEMENT/PROBLEM ANALYSIS:**

As part of the proposed monitoring of mule deer on the Kaibab west side winter range, the Department proposes to monitor body condition to correlate with planned population growth of 5–7% per year and habitat monitoring to develop relationships that may be used in future situations to assess mule deer population levels.

**PROJECT OBJECTIVES:**

Determine body condition of mule deer during March on Unit 12A West winter range.

**PROJECT STRATEGIES:**

Capture, test, and release live mule deer to determine relative body condition.

**PROJECT LOCATION:**

Unit 12A West mule deer winter range.

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

USFS Kaibab Ranger District

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

**HABITAT DESCRIPTION:**

Sagebrush, cliffrose, pinyon, and juniper winter range.

**ITEMIZED USE OF FUNDS:**

Tag funds will be used to hire a contract capture vendor to capture 40 mule deer, which the Department will use ultrasonography to test rump fat.

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

**Primarily financial cooperation will come from Department funds for equipment, personnel, and vehicle use. Arizona Deer Association and Mule Deer Foundation representatives may participate and assist in operation. USFS biologists may participate as well.**

**PROJECT MONITORING PLAN:**

**As part of the proposed hunt guidelines, these data will be monitored along with annual herd composition and habitat measurements and periodic population estimates (to recalibrate population models) and range trend analysis to develop future hunt guidelines.**

**PROJECT MAINTENANCE:**

N/A

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

**This will be submitted as part of the annual performance reporting through the game subprogram. Completion will be Regional responsibility.**

**WATER DEVELOPMENT PROJECTS (see attached worksheet):**

**TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (see attached worksheet):**