



## desert conservation PROGRAM

August 27, 2010

TO: DISTRIBUTION

RE: DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTIFICATION:  
**BALD EAGLE HABITAT MODELING, 2005-NPS-609B**

The work for the above referenced project has been completed. Please see the attached for all project related information.

The purpose of the above referenced project was:

To provide technical information and materials that will meet technical conditions for funding of a related project, 2005-NPS-540 (Bald Eagle Monitoring). These products will inform a species status report for the bald eagle in Clark County.

The major accomplishment or findings of this project include:

#### Bald Eagle Monitoring

- Conducted bald eagle winter counts during January 2008 and 2009.
  - Official 2008 count was 116 bald eagles (49 adult and 67 immature), 2009 official count was 108 (49 adults and 59 immature).
- Law enforcement rangers participated in the monitoring efforts and became familiar with the areas where bald eagles occur.

#### Bald Eagle Modeling

- Developed Final Habitat Model
- Variables Used in Maxent Modeling:
  - Food availability
    - Sinuosity of shoreline
    - Percentage of shallow water
  - Perch availability
    - Maximum slope
      - ❖ Majority aspect
- Human activity
  - Distance to developed area

For more information about this project, please visit our website at:

<http://www.accessclarkcounty.com/depts/daqem/epd/dcp/Pages/dcpactiveprojects.aspx>

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PROGRAM

If you have any questions, please contact Larry Mata, Project Manager at (702) 455-3964.

Sincerely,

A handwritten signature in blue ink that reads "Marci D. Henson". The signature is fluid and cursive.

Marci D. Henson  
Program Manager

cc:

US Fish and Wildlife Service  
Board of County Commissioners (7)  
Permittees' Executive Committee  
Permittees' Process Management Group  
John Hill, Purchasing  
Catherine Jorgenson, District Attorney – Civil Division  
Desert Conservation Program Community Advisory Committee  
Desert Conservation Program Interested Parties List  
Multiple Species Habitat Conservation Plan Implementing Agencies  
Science Advisor  
SNPLMA Office (for SNPLMA projects)  
Congressional Office  
All Environmental Management Staff Distribution

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