



desert conservation
PROGRAM

August 27, 2010

TO: DISTRIBUTION

RE: DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTIFICATION:
BALD EAGLE MONITORING, 2005-NPS-540

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 perform monitoring of the bald eagle in the Lake Mead National Recreation Area (LMNRA). Because the bulk of bald eagle nests in Clark County are found in the LMNRA, this project will provide substantial data to assess the status of the bald eagle in Clark County, and will also contribute greatly to national and regional efforts to monitor population trends for this previously federally threatened species. Much of the funding from this project will be used to fund law enforcement rangers that assist with the monitoring effort, while also providing a law enforcement presence during the time when bald eagles concentrate at Lake Mead.

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

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

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

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

Sincerely,

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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