



desert conservation
PROGRAM

Date: March 20, 2012

TO: DISTRIBUTION

RE: DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTIFICATION:
LAKE MEAD GIS and DATA MANAGEMENT SUPPORT
2005-NPS-525

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 geographic information system (GIS) and data management support for Clark County Multiple Species Habitat Conservation Plan (MSHCP) funded projects taking place on National Park Service (NPS) lands. Support included assistance with project design; development of spatial and tabular databases; development of field data collection methodologies using global positioning system (GPS) receivers, mapping software, and data dictionaries; assistance with data analysis; development of database queries and reports; development of maps; and other GIS and GPS technical assistance as needed. In addition, this project developed spatial and tabular databases from mined historic agency resource data and maps to provide information important to MSHCP implementation on NPS lands.

The major accomplishment or findings of this project include:

- (1) Geographic information system and data management support was provided to ten MSHCP funded National Park Service projects, contributing to their successful completion. Support to other projects included development of field data collection methodologies, field data collection sheets, and electronic field data collection systems; development of spatial and tabular databases, including queries and reports; development of metadata records; quality control review of collected data; development of mapping products and assistance with map development; technical assistance with geographic information systems and global positioning systems; and delivery of data to Clark County.
- (2) Spatial and tabular databases were created from mined historic agency resource data and maps in sixteen topic areas, providing information important to MSHCP implementation on National Park Service lands. Historic National Park Service data were mined for the following topic areas: abandoned mine lands, water quality, geology, fire history, groundwater, springs, vegetation transects, geographic names, wildlife observations

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(various species), climate, and species data, including razorback sucker, bonytail chub, bighorn sheep, bats (various species), gila monster, and southwestern willow flycatcher.

For more information about this project and/or for other Project Reports or Symposium Reports, please visit our website at: <http://www.clarkcountynv.gov/Depts/dcp/Pages/default.aspx>

If you have any questions, please contact Lee Bice at (702) 455-3554.

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