



Date: November 25, 2018

TO: DISTRIBUTION

RE: DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTIFICATION:
DESERT TORTOISE OCCUPANCY SAMPLING CREWS II
2007-KLA-1012D

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:

Analyze the status and change over time in occupancy/use of tortoise habitat within the BCCE using the indicators of live tortoises and active burrows. Then, Correlate the pattern and change in occupancy/use with habitat (e.g., cover of vegetation, herbaceous vegetation), habitat alteration (e.g., roads, off-road vehicle disturbance), and management practices (e.g., closing roads, vegetation restoration). This data would be used to detect change in populations over time as provide a model that can be used to direct future conservation actions.

The major accomplishment or findings of this project include:

- Collected 6 years of Tortoise occupancy data
- Collected 4 years of reptile of interest occupancy data
- Created an occupancy model using covariates that can be used to direct management actions in the future
- Preliminary data from this project will be used with future data collected to detect changes in occupancy in the BCCE over time.

- This data was also combined with data from other projects to increase precision of survival estimates for tortoises in the Eldorado Valley.

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

If you have any questions, please contact Scott Cambrin at (702) 455-3859.

Sincerely,



Marci D. Henson
Director, Air Quality
Administrator, MSHCP

cc:

US Fish and Wildlife Service
Board of County Commissioners (7)
Permittees' Executive Committee
Permittees' Process Management Group
Thomas Boldt, 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
DCP Staff