



Date: December 12, 2018

TO: DISTRIBUTION

RE: DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTIFICATION:  
**BOULDER CITY CONSERVATION EASEMENT DESERT TORTOISE  
PREDATION STUDY – PHASE 2 AMENDMENT  
2013-BOARMAN-1421B**

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:**

The purpose of this project was to estimate the spatial distribution and relative abundance of primary desert tortoise predators in the BCCE and how it compares to a non-subsidized system; determine the rate of occurrence of predation on tortoises by ravens, coyotes, and kit foxes; model the spatial risk of predation experienced by tortoises in the BCCE to help determine where predation is likely occurring and to point to help pinpoint where some management actions might yield the greatest results; use the results to recommend if predator management should be implemented and consider the nature of that management.

**The major accomplishment or findings of this project include:**

- Conducted 576 individual surveys for ravens along 18 road segments with the majority observed near the landfill indicating a level of subsidization
- 84 trail cameras were placed across the landscape and recorded 43 raven events, 1,650 coyote events, and 2,586 kit fox events across the BCCE and surrounding areas
- Coyotes were detected at landfills and highways more than expected indicating a level of subsidization for this species
- Collected and analyzed 448 scat/pellet samples both morphologically and molecularly which showed evidence of predation by all three species
- Created a management plan indicating ways to reduce specific forms of subsidies and how to handle potential offenders

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