



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

DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTICE

Date of Issuance: 12/12/2018

General Project Information

Project Category	Conservation
Compliance Category	Research/Inventory/Monitoring
Project Level	Level 4
Project Title	BCCE DT Predation Study -Phase 2 Amendment
Project Number	2013-BOARMAN-1421B
Contractor	Conservation Science Research & Consulting
Contractor Person of Contact	William Boarman
Contractor Project Manager	William Boarman
DCP Project Manager	Scott Cambrin
DCP Person of Contact/Contract Manager	Heather Green
Competitive Award or Sole Source	Competitive Award
Contract Start Date	03/24/2017
Purchase Order Number	4800007058-012
Contract End Date	11/15/2018
Commissioner & District	A Steve Sisolak
Congressional Rep & District	D3 Jacky Rosen

Financial Breakdown

Funding Source	S10 13-15
Original Contract Amount	\$ 191,758.00
Total Change Request Amount	0.00
Revised Contract Amount	\$ 191,758.00
<small>(Original Award plus Change Requests)</small>	
Funds Not Used in Contract	0.00
Final Payout Amount	\$ 191,758.00

Performance Information

Total Number of Change Requests	1
Number of Change Requests by Contractor	1
Number of Change Requests by DCP	0
Total Number of Deliverables	18
Number of Deliverables Accepted	18
Number of Deliverables Rejected	1
Number of Delinquent Deliverables	2
Total Number of Milestones	3
Number of Delinquent Milestones	2
Number of Milestones Met on Time	1
Total Number of Invoices Submitted	11
Number of Rejected Invoices	0