

Date of Issuance: May 9, 2023

**DESERT TORTOISE PREDATOR-PREY DYNAMICS
2019-USGS-1987A**

The work for the above reference project has been completed. Below is a summary of project related information.

The purpose of the above referenced project was:

This project was designed to gain a better understanding of the dynamics and community interdependencies between the desert tortoise's primary predators – coyotes (*Canis latrans*) and the coyote's primary prey – black-tailed jackrabbits (*Lepus californicus*). Using that information, the goal is to inform a strategy to mitigate future translocations from being severely impacted by coyote predation on desert tortoises.

The major accomplishments or findings of this project include:

- Determined variability in demographics of coyotes and jackrabbits in the Boulder City Conservation Easement (BCCE).
- Determined the home range and habitat use patterns of coyotes and jackrabbits in the BCCE.
- Determined health status and mortality rates for coyotes and jackrabbits in the BCCE.
- Developed methods to obtain reliable density estimates that are cost effective.
- Synthesized jackrabbit abundance and predator densities and movements.

For more information about this project and/or for other Project Reports or Symposium Reports, please visit our [website](#)

If you have any questions about this project please contact DCP Project Manager Scott Cambrin at (702) 455-3859.

DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTICE

Date of Issuance: 5/9/2023

General Project Information

Project Category	Conservation
Compliance Category	9d-Research/Inventory/Monitoring
Project Level	Level 4
Project Title	CLOSED DT Predator-Prey Dynamics (w/1795)
Project Number	2019-USGS-1987A
Contractor	US Geological Survey (USGS) -Western Eco Rsrch Ctr
DCP Project Manager	Scott Cambrin
DCP Contract Manager	Sara Carrizal
Contract Start Date	1/1/2020
Purchase Order Number	4800008571-012
Contract End Date	12/31/2022

Financial Breakdown

Funding Source	S10 19-21
Original Contract Amount	\$491,152.20
Funds not used in Contract	
Final Payout Amount	\$491,152.20

Performance Information

Total Number of Change Requests	4
Total Number of Deliverables	20
Number of Deliverables Accepted	19
Number of Deliverables Rejected	0
Number of Delinquent Deliverables	19
Total Number of Milestones	10
Number of Delinquent Milestones	4
Number of Milestones Met on Time	6
Total Number of Invoices Submitted	7
Number of Rejected Invoices	0