

Agency/Organization: BEC Environmental, Inc.

Project Name: Desert Pocket Mouse Threats Analysis and Population Monitoring

Project Number: 2023-BEC-2340A

Reporting Period: April – June 2024 Q2

Project Contact Name and Information:

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**QUESTION 1: What did you accomplish during this reporting period?
How did these accomplishments help you reach the goal of your project?
If relevant, what indicators or benchmarks were used to determine your progress?**

BEC participated in the Kick-off meeting with DCP and discussed potential study areas, habitat information, and restoration/conservation goals which should be considered during project planning. Upon receiving notice to proceed, BEC began developing the Population Monitoring and Habitat Assessment study plans. BEC acquired the required permits for trapping the target species from the Nevada Department of Wildlife. BEC also conducted site reconnaissance of the Virgin River Riparian Corridor to assess potential locations for the desert pocket mouse (*Chaetodipus penicillatus*) study. The two locations for the long-term monitoring plan were determined. The two locations are Riverside and Bunkerville East parcels. Below are parcel locations tentatively planned for use of the study:

Parcel Name	Assessor Parcel Numbers (APN)
Riverside	034-00-001-019 034-00-001-013
Bunkerville East	002-24-401-002 002-24-401-004 002-24-401-001 002-24-401-005 002-24-801-005 002-25-501-013 002-24-801-002

QUESTION 2: What, if any, problems were encountered? Briefly describe those problems and the manner in which they were dealt.

The original Scope of Work included the physiological study component with UNLV through BEC. This component was revised with the physiological study to be implemented by UNLV through a direct contract with DCP as it would be more efficient for processing and consistent with County contracting guidelines. BEC will support and coordinate with UNLV to incorporate study results into the Threats Assessment and BEC's Final Project Report. The revised Scope of and contract process delayed several deliverables and milestones, for which BEC has submitted and received due date amendments.

QUESTION 3: What, if any, proposed activities were not completed? Briefly describe those activities, the reasons they were not completed and your plans for carrying them out.

Adjustments to the revised Scope of Work and Project Work Plan stated above, the field methodology testing was not completed in the spring as originally planned. Habitat characterization methodology testing will be conducted in early July and small mammal trapping methodology testing and identification training will be conducted early fall when climate and temperatures are suitable for the species. The due date amendment for the Spring/Summer 2024 Field Methodology Testing & Summary Memo deliverable will be submitted to DCP once trapping methodology testing has been conducted.

QUESTION 4: What is the calculated percent of work completed?

7% completion

QUESTION 5: Do you foresee any upcoming problems with future project activities? If so, how do you propose to overcome those problems?

No problems are foreseen at this time.

QUESTION 6: Is there anything else you want to tell the DCP about this project?

As discussed above, BEC will conduct habitat characterization methodology testing early July 2024, and small mammal trapping methodology testing and identification training during suitable climate in the fall of 2024.

QUESTION 7: What was produced during the reporting period?

Deliverables produced and submitted include:

- M02. Kickoff Meeting – April 18, 2024
- D01. Permits – May 22, 2024
- D02. Work Plan – April 18, 2024
 - Revised Work Plan – June 13, 2024
- D03. Data Management Plan – April 18, 2024