

Agency/Organization: University of Nevada, Las Vegas

Project Name: Pocket Mouse Conservation Physiology

Project Number: 2023-UNLV-2340b

Reporting Period: Project start – 31 December 2024

Project Contact Name and Information:

Sean Neiswenter

702/895-2645

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?

We have secured necessary permits and appropriate housing space for animals in the vivarium at UNLV. Cage construction and preparation is complete so the housing space is prepared to receive animals. Respirometry equipment has been set up and training has been conducted for Adam Myers who will assist in experiments.

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

During troubleshooting and training we realized the water vapor sensor on the respirometry equipment needs to be calibrated. We have delayed bringing animals in until we are able to factory calibrate this sensor. We anticipate it should not cause any delays to project deadlines and hope to have everything up and running by 10 January 2025. After which we will begin collecting animals from the field and start experiments.

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.

All proposed activities up to this point have been completed

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

5%

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

We do not foresee any upcoming problems

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

No

QUESTION 7: What was produced during the reporting period?

D01- Permits

D02 – Work Plan and Data Management Plan