

Agency/Organization: Bio Logical LLC

Project Name: Desert Tortoise Occupancy on the Boulder City Conservation Easement

Project Number: 2021-BIO-2020D

Reporting Period: January 1, 2024 – March 31, 2024

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?**

During this quarter and for year Three, we completed Quarterly Report D26, Project Review Summary Form and Project Claim Release D27, and Year 4 Closeout. For Year Four, we completed Contract Renewal and Mobilization M17, Mobilization Meeting M18, Work Plan D28, Permits D29, Two Day Training M19, and this Quarterly Report D30. The training was conducted by Scott Cambrin on 3/25 and field work is intended to commence on March 31st for drone operations and April 1st for boots on the ground surveys.

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

During the execution of the aforementioned milestones and deliverables, we did not experience any problems.

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.

No proposed activities were incomplete this quarter.

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

An unweighted 'line item' only calculation of project completed currently sits at 100% (23 of 23 task items) for year four, 2023. For year five in 2024, a line item only calculation of project completed currently sits at 30.4%, (7 out of 23 task items) are now complete upon this submittal. Start of field work has currently been missed due to temperatures too cold for surveys to be conducted.

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

In December, we began to explore what additional work in the form of aerial photography capture to deliver to Resi Solutions for analysis would look like. Bio Logical procured the proper equipment, found a biologist / Part 107 pilot, and began to develop a plan for these operations. Our approach was that all 70 plots were able to be completed with no external factors that were not manageable. Nevada law limits drone operations within 500ft of certain infrastructure without written permission, and Bio Logical has had no success reaching out to the various operators of solar sites and transmission lines within the BCCE. As such, currently 11 plots are encroached upon in various distances, primarily by transmission lines or solar sites. The effect of this encroachment has not been fully determined as of generation of this report.

Overcoming this would have to be factored into any future agreement with utility operators constructing infrastructure in the BCCE, with written permission granted to conduct ground and aerial operations near their facility without impacting their operation.

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

Bio Logical appreciates the cooperation and opportunity to work with the DCP and Scott Cambrin, and hopes to continue to bring value to this project by having excellent staff and using new methods and technologies to improve data collection.

QUESTION 7: What was produced during the reporting period?

Bio Logical renewed the contract and completed the planning and permitting for the new season. The Work Plan for 2024 and this Quarterly Progress Report were produced and submitted.