

Project Title: Seeps and Springs Focused Conditions Assessment

Discipline: Natural

Type of Project: Technical Assistance and Education

Funding Agency: National Park Service

Other Partners/Cooperators: University of Wyoming

Student Participation: No

Effective Dates: May 2020-October 2021

Funding Amount: \$44,084

Investigators and Agency Representative:

NPS ATR: Tova Spector, Natural Resource Manager, National Park Service, Mesa Verde National Park, PO Box 8, Mesa Verde, CO 81330, Phone: 970-529-5002, Email: tova_spector@nps.gov

Investigator: Shannon Albeke, Associate Research Scientist, University of Wyoming, 307-760-9993; salbeke@uwyo.edu

Project Abstract:

Project Goals: The goal for this project is to develop a database designed to host diverse datasets for Mesa Verde's modern and historical seeps and springs data. This will allow for data users to conceptualize what seeps and springs data exists and how it can be analyzed to identify trends and assess changing conditions. The data's current lack of organization poses a challenge to achieve these goals

Project Objectives: In coordination with park staff, explore, identify and extract relevant data sources that are expected to be incorporated in the database. This will develop an understanding of what data exists, where it is located, and how it will need to be formatted. Once sources have been identified, a design schema will be developed by the Recipient to effectively organize the data. Once thoroughly outlined and reviewed by all parties, the Recipient will complete construction of the database. Additionally, Recipient will construct a Data Viewer to assist in the summarization and extraction of stored data for park staff use.