

**NAME** Samantha Carver

**TITLE** Environmental Scientist

**EXPERIENCE SUMMARY**

- Environmental consulting for large agricultural facilities
- Groundwater Discharge Permit application and compliance
- Analysis of water quality and source pollution control
- Environmental compliance with federal and state agencies
- Agricultural groundwater sampling
- Data verification and validation through GGI's online aggregate system
- Conveyance inspections, disinfections, and waterbody monitoring
- Support day to day functions of high production fish hatchery's
- Analyze fish health of statewide hatchery stocks
- Identify and categorize marine benthic invertebrates to support marine restoration and sustainability in collaboration with the Bureau of Ocean Energy Management (BOEM)
- Contributed to research on the negative impact of dredging on ridge/swale ecosystems

**CURRENT RESPONSIBILITIES**

**Environmental Scientist - Glorieta Geoscience (2019-Present)**

Responsible for: 1) Environmental consulting to New Mexico dairy farms 2) Nutrient management and application

**SELECTED PROJECT EXPERIENCE**

**Dairy/CAFO Environmental Monitoring, NM (2019 - present)** – Provide consulting services to dairy facilities for compliance with NMED groundwater discharge permits and environmental monitoring. Preparation of quarterly compliance reports to state agencies. Data verification and validation through GGI's online aggregate system CAFOWeb for data management of water quality, water usage, and nutrient management. Prepare discharge permit applications and nutrient management plans for NMED and clients.

**EDUCATION**

M.S., Wildlife & Fisheries Biology, Clemson University, 2018-2020

B.S., Forestry & Natural Resource Conservation, University of Florida, 2012-2016

