The Navajo-Gallup Water Supply Project (NGWSP, Part III of Public Law 111-11, 2009) is a major water infrastructure project that will treat water from San Juan River and convey it to parts of the Navajo Nation, Jicarilla Apache Nation, and City of Gallup in New Mexico. The major infrastructure components include several hundred miles of pipeline, pumping plants, and two water treatment plants. Specifically, the Cutter Lateral Water Treatment Plant will ultimately treat water 5.4 MGD from Cutter Reservoir and distribute it to Native American communities on the eastern side of the NGWSP.

**Project Goals**
1. Treatment process selection based on staged demands and raw water quality as well as other operability and community acceptance of the many stakeholders.
2. Treatment process sizing and site layout including solids handling.
3. Evaluate additional treatment within the extensive distribution system.

**Why Students Should Choose this Project:**
This is an authentic EDC drinking water project for tribal nations New Mexico. Though you will not have direct access to the tribal nations or stakeholders, you must include them in your decision making. You will simultaneously hone your technical skills and build your resume. You will tour the US Bureau of Reclamation’s laboratories in Lakewood, CO and network with local water professionals. This project will also expand your skill set giving you the opportunity to work with CAD to produce design drawings.