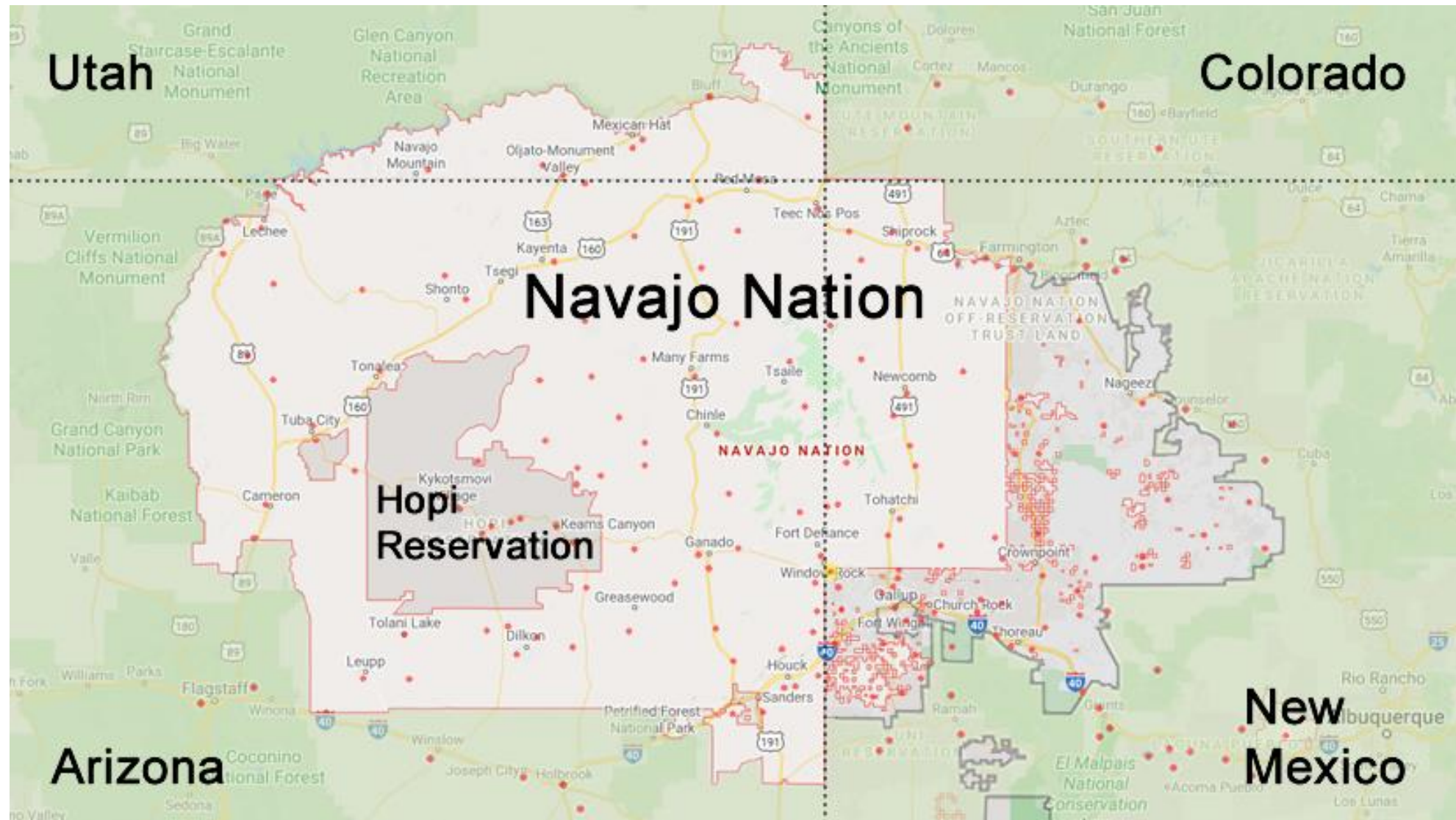


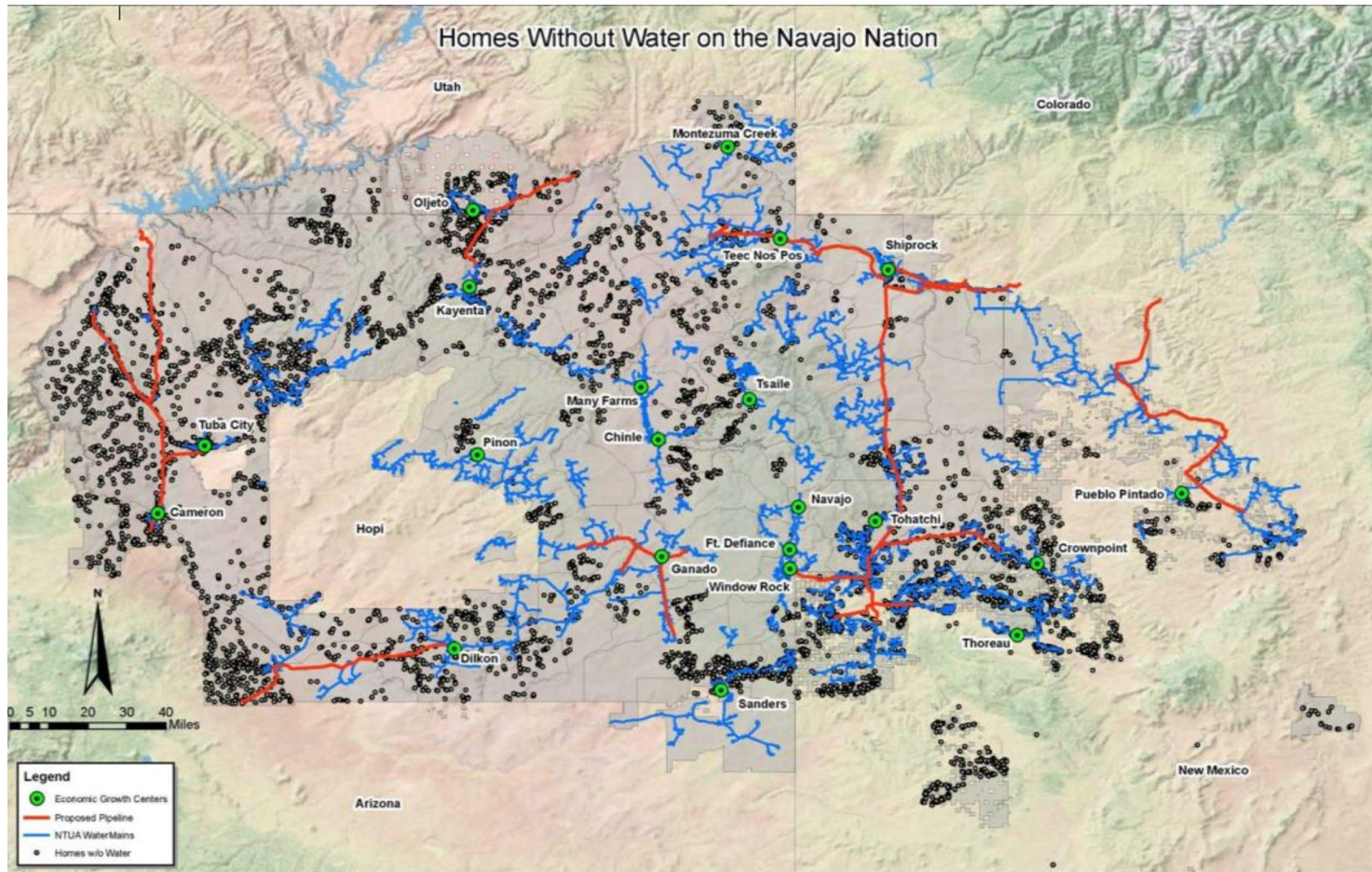


Water on the Navajo Nation

Tó éí ííná (Water is Life)

By Steve Grey
Grey LLC



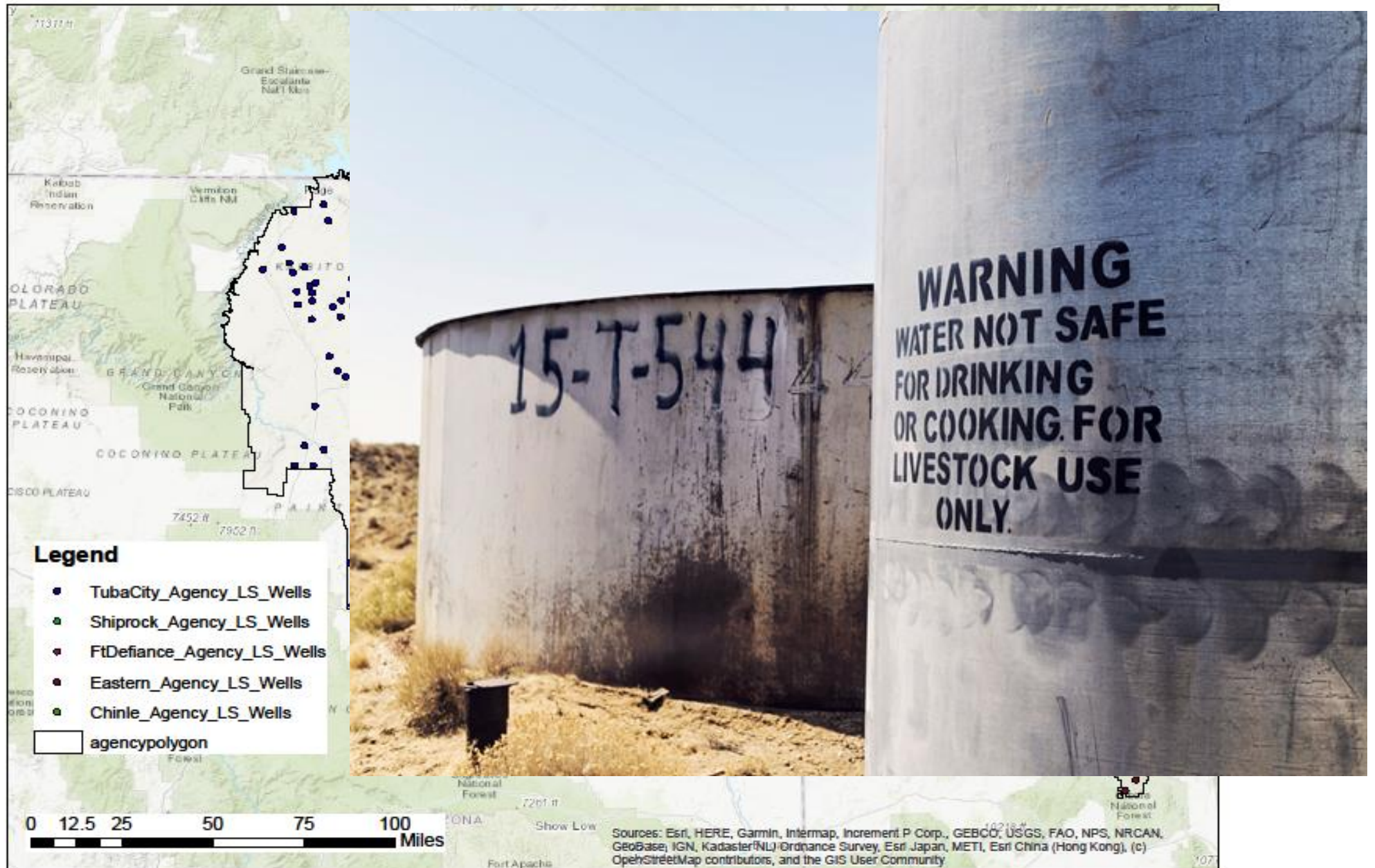


Homes Without Water on the Navajo Nation

- ❑ 30% of homes on Navajo Nation are without direct access to public water systems
- ❑ These homes haul water long distances to provide water for their families
- ❑ Navajo households are 19 times more likely than white households to be without running water



Over 700
livestock
wells
exist
across
the
Navajo
Nation



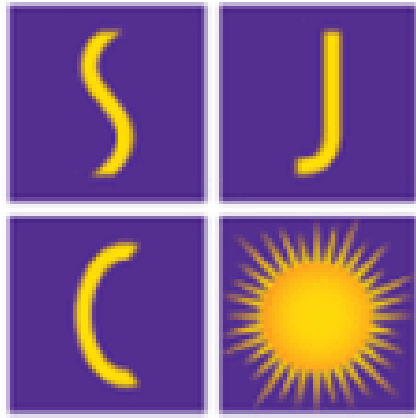




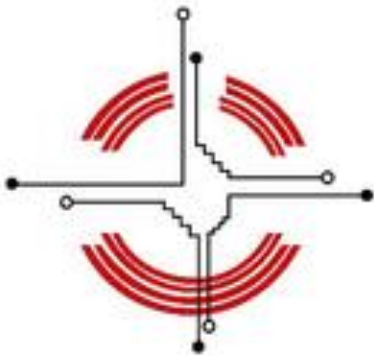








SAN JUAN COLLEGE



**NAVAJO
TECHNICAL
UNIVERSITY**
ESTABLISHED 1979

San Juan College
School of Energy

Navajo Technical
University

- San Juan College School of Energy has begun looking at water issues in the Four corners region through their Center of Excellence program. 4,000 Native American students attend SJC.

Navajo Technical University has created a partnership with New Mexico Tech to test wells across the Navajo Nation and clean water with a water unit their partner Pesco Inc. has manufactured. 2,000 Native American students attend NTU.

Overview

The N⁴WPP is a joint endeavor to install water filtration equipment testing facilities on the Navajo Nation. These sites will be used to train students to test water quality and maintain filtration units to provide sustainable long-term water resources suitable for agriculture and livestock use, cleaning, and eventually clean drinking water.



NTU-NMT Navajo Nation
Water Purification Project



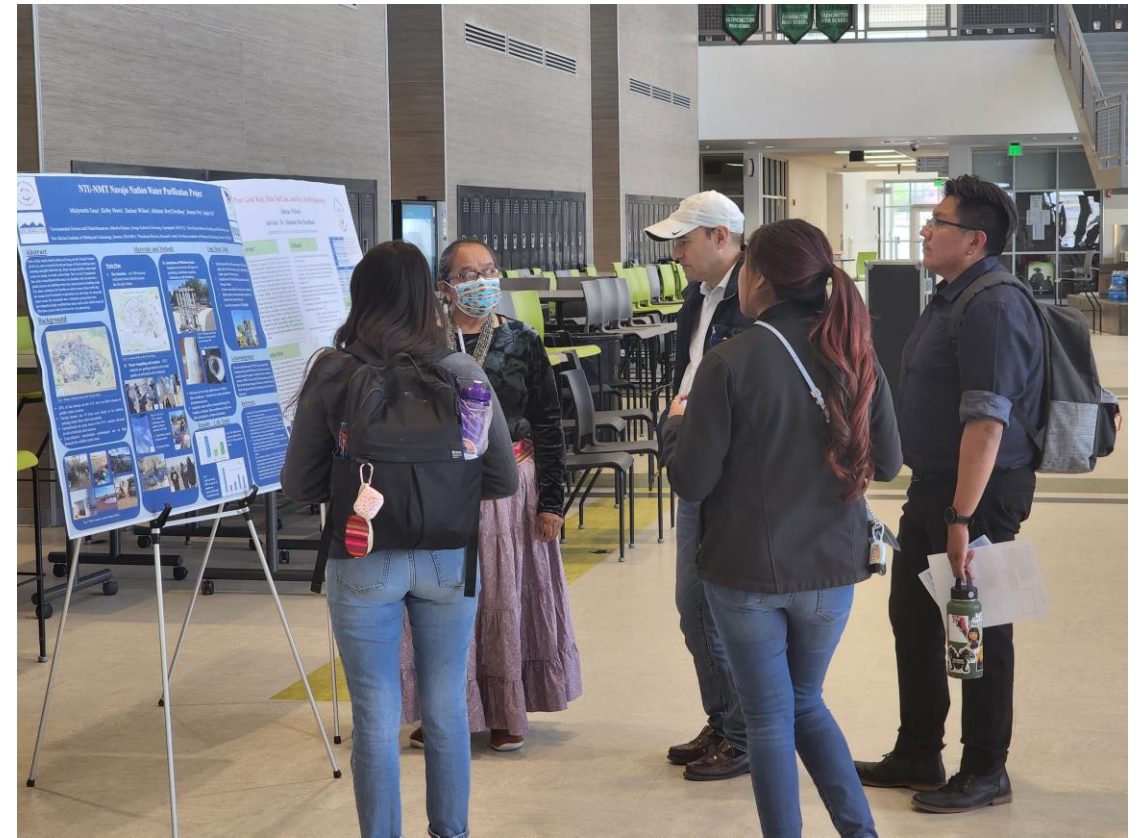
Proposed Work Plan

Site selection across 27,000 sq miles of Navajo:

- Students are working with the N⁴WPP team members.
- Initially, water at windmills, tanks and wells are being collected and analyzed at New Mexico Bureau of Geology and Mineral Resources at NMT.
- We are proposing to install 10 filtration units across the Navajo Nation.



Students and Public outreach



Public Outreach Component

- Students are participating in outreach activities to Navajo Nation communities
- The team is attending local Chapter House meetings and is organizing water symposiums and other public outreach campaigns.
- Educate members about water quality, the filtration system, system maintenance and simple repairs.
- Foster the importance of **Tó éí ííná** (Water is Life).

N4WPP Water Symposium



Announcing the 2022 N⁴WPP Water Symposium

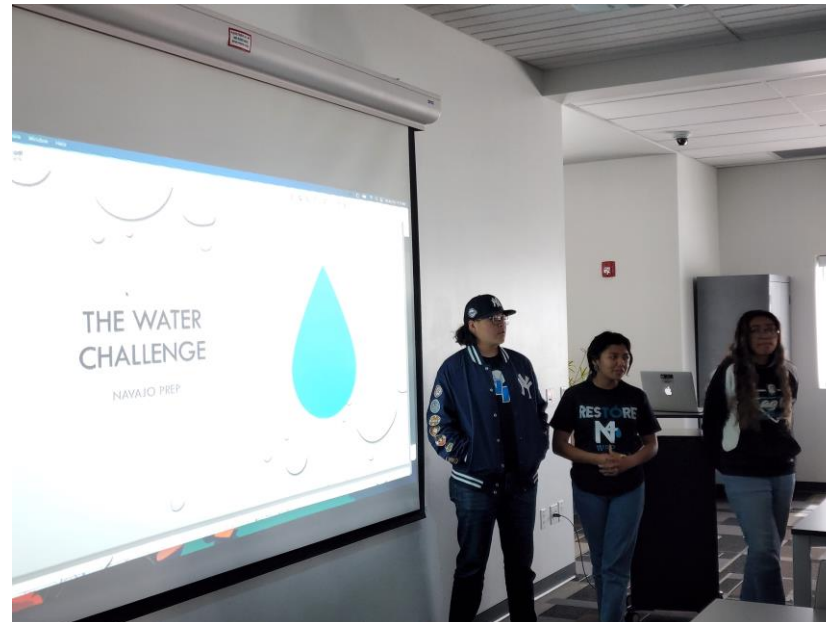
The Navajo Tech-New Mexico Tech Navajo Nation Water Purification Project (N⁴WPP) is excited to invite you to the 2022 Water Symposium. Four Corners area high school students are invited to help solve some of the most important water challenges in New Mexico and across the Navajo Nation. Students will have the opportunity to hear from leading water conservation experts, talk to college students presenting their research in a poster session, and get hands on experience with the problem by participating in the Water Challenge. Prizes and awards include cash and scholarships.

When: April 23, 2022

Where: Farmington High School - Farmington, NM



N⁴WPP Water Symposium









Thank you.