A STAR SOLUTION TO SAFE DRINKING WATER CHALLENGES ON NAVAJO AND HOPI RESERVATIONS

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Imaging What it Looks Like to Live Without Running Water...
The Family Stores Their Water Supply in These Buckets Outside Their Hogan
Water is a Scarce Resource to Navajo People
Abandoned Uranium Mine Sites In Navajo Nation
People Drink Water from Unregulated Sources
Centralized vs. Decentralized Solutions

- Farmington to Shiprock pipeline - $56M
- Navajo Gallup Water Supply Project - $865M
- Western Navajo Pipeline - $515M
- C-Aquifer Ganado Groundwater Project - $60M
- C-Aquifer Leupp to Dilkon Pipeline - $110M.
- Halchita to Kayenta San Juan River Water Supply Project - $151M
The STAR School is an Award-winning Pre-k Through 8th Grade Public Charter School - Primarily Serving Native American Students, Near Flagstaff And Leupp, AZ.
First Public Charter School in U.S. is 100% on Renewable Energy
We Took a Decentralized Nano Filtration Technology That is 100% Automatically Controlled and Solar Powered
The Water Bus!
STAR School Teacher
Teaching Navajo Students
Water Technologies in the
Water Bus
Deploying the Water Treatment System (Water Box) to North Leupp Family Farms (NLFF)
Water Box Installed at NLFF
Water Box Installed in a Hopi Village - Sipaulovi
Water Box Installed on San Carlos Apache Reservation
Other Technology Assistance on Indian Reservations
Acknowledgement

• USDA Rural Development

• Painter Desert Demonstration Projects
  (d.b.a. the STAR School)

• The University of Arizona
Thank You!

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