

Antinanco

To'h Ni'li'

Water is Flowing



We bring clean, running water into the homes of Native American community members who live without access to piped water.

WHAT WE DO

The Water is Flowing (WIF) project is installing specially designed solar-powered pumps, called To'h Ni'li' (in Navajo/Dine'h language it means "Water is Flowing") units, in households that lack access to running water. These units are hooked up to outdoor water storage to bring pressurized, clean running water into homes at no cost to the residents. The units ensure water is universally accessible to whoever lives inside the house and are suitable for households that do not have electricity.

The WIF project also trains community members to build, install and service the units, with the ultimate goal of transferring autonomy back to the people we serve.

WHERE WE WORK



The WIF project serves Navajo Nation residents and neighboring Native American communities in Arizona and New Mexico. We will expand to more areas over the next few years.

WHY IT MATTERS

Native Americans across the United States are impacted by a decades-long water insecurity crisis that has left their communities without piped water.

Our current focus is in the Southwest, where members of the Navajo Nation are 67 times more likely to live without access to clean, running water in their homes than any other community in America.

Estimates indicate that one in three Navajo residents, a population over 173,000 people, live in homes without plumbing. Neighboring Hopi and Zuni communities face similar disparities.

To meet their needs, affected residents must :



Haul clean water home from water sources that can be up to a 90-minute drive away from their home. Some must rely on weekly delivery from neighbors or organizations.



Store water in outdoor containers, using buckets to carry what they need indoors. This process is exceptionally difficult for Elders and individuals with disabling conditions.



Ration less than 10 gallons each day to meet their hydration, sanitation, and personal hygiene needs. (The average American uses 88-100 each day.)

OUR PARTNERS



IMPACT

Public health officials estimate that several billion dollars are required to bring safe drinking water and sanitation to all homes in the Navajo Nation, but those funds do not exist. Our work provides a cost-effective and durable solution that is available now and can be maintained autonomously by communities after we leave.

“MA SANI' DO CHEI DO BI'CHI' NAHO TI' TO'H BIL YA IILI'”
 Bringing running water into homes of our grandmothers, grandfathers and those that are physically Handicapped living in remote areas.

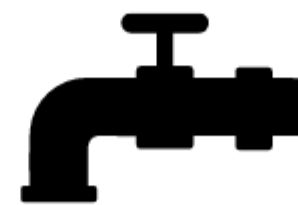
- Bitahnii Wilson, K'eh Native Action.



The To'h Ni'li' unit is a self-contained water pump. It is powered by a 10-watt solar panel that charges a 12-volt battery. Hoses lead the outdoor water source through the pump and connect to the home's plumbing.

Pressurized water begins to flow when sensors detect a faucet is opened in the house.

One day of solar charge brings up to 225 gallons of running water into homes!



WHAT WE NEED FUNDED

\$250,000 to bring running water to more than 40,000 people & 1,000 homes by the end of 2025.



Supplies to procure, construct, and install the units.



The purchase and conversion of a trailer into a mobile assembly, construction, education and storage center.



Training materials and educational events to transfer project autonomy to the communities being served.



Antinanco is a 501(3)(c) located in Holmdel, NJ

LEARN MORE



MEDIA COVERAGE



CONTACT US

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