

# El Chaparral



PROJECT REFERENCE: 440/LA/19  
NICARAGUA  
SUPPORTED BY BALTIMORE  
AIRCOIL COMPANY






We're happy to present a final report on our work to improve access to safe water for the El Chaparral community in Nicaragua.

Previously, the community had two private wells, as well as another at the school. However, tests showed these wells to be contaminated, leading to water-borne illnesses among the local residents. Since there was no alternative, however, people continued to use these compromised sources. Families spent anywhere between one and a half and two hours collecting water from these wells, making on average 11 trips in the morning and 5 more in the afternoon.






A young woman with her hair tied back, wearing a black sleeveless dress and blue sandals, stands smiling next to a newly installed electric water pump. The pump is a white cylindrical unit mounted on a concrete base with a square basin of water. The background shows a dirt area with laundry hanging on a line and trees under a clear sky.

**But thanks to your support,  
we've improved the situation,  
by installing an electric  
pumping water system and a  
drilled well, supplying 46  
families, 1 school and 1 church  
with safe, reliable water**





## Access to safe drinking water

An electric pumping water system using a drilled well as the water source with 44 connections, supplying 46 families and 1 school

## Improved hygiene practices & knowledge

- Established a Potable Water and Sanitation Committee (CAPS) to oversee and maintain the facilities
- Water, Sanitation and Hygiene (WASH) training with the community, including training on handwashing





**Completed pump house  
and distribution tank**





**We've brought  
safe water to 153  
people, including  
60 school pupils**





An El Chaparral resident,  
standing next to one of  
the taps we installed





**This project also included WASH training, with topics including hygiene, latrine use and hand-washing, all of which are crucial to increase the impact of this project, ensure its sustainability, and help protect the community from COVID-19**







# Impact

- **An improvement in health and wellbeing across the community, as water-related illnesses will decrease**
- **Children will attend school more regularly as they will be less ill**
- **Less money spent on medication**
- **Improved economic opportunities and increased productivity, particularly as precious time is not spent collecting water**

**HELPING TO  
TACKLE THE  
UNITED NATIONS  
SUSTAINABLE  
DEVELOPMENT  
GOALS**

