

Water for Chuchurras

COMMUNITY

Churchurras, Peru, in the Amazon River Basin. Two communities, recently joined by construction of a bridge across the river, originate from the historically nomadic Yanasha people, who were assigned to the land in the Yanasha Reserve 30 years ago by the Peruvian government.

WHAT IS THE NEED?

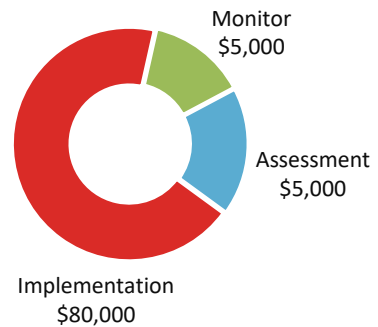
The community members, particularly young children, are affected by water-borne diseases including cholera, and dysentery. The current infrastructure provides less than half the community with non-potable water and experiences annual dry spells for months at a time. Our team will design and implement a new system to better serve the community and provide potable drinking water year-round to the community.

OUR TEAM

Our group is comprised of 15 dedicated engineers with some members having over 25 years of experience working on EWB projects. Several members have experience designing water systems in Peru, with some who are fluent in Spanish.

FUNDING NEEDS

Corporate donations to EWB projects typically range from \$3,000 to \$20,000, however, all donations are appreciated. Each phase of the project requires funding for materials and travel arrangements. In order to ensure the sustainability of your donation, we also ask a 5% monetary buy-in from the community. Engineers Without Borders is a 501(c)(3) tax-exempt organization (EIN: 84-1589324).



FUNDRAISING GOAL \$90,000

TIMELINE

<p>October 2019: Assessment 1 The team evaluated potential sources of water, tested for prevalent water quality concerns, conducted house visits and surveyed the land. The team also spoke with the community members to determine their needs and how we can best serve them.</p>	<p>June 2021: Assessment 2 The team will drill preliminary test wells and conduct additional topographical mapping of the community.</p>	<p>October 2021: Implementation 1 The team will work with a local well driller to construct well, hook up 3" pipe to high point, and a small temporary tank.</p> <p>June 2022: Implementation 2 The team will construct permanent tank system, layout pipe network and troubleshoot well system.</p>	<p>October 2022: Implementation 3 The team will construct permanent tank roof, construct pipe network and start water treatment.</p> <p>June 2023: Implementation 4 The team will complete the water system and ensure proper treatment</p>	<p>June 2024: Monitoring The team will monitor conditions for well and treatment, ensuring the sustainability of the system</p>
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