



# PERU

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## THE PROJECT

**Project Location:** Barrio Los Rosales, Pastaza River, San Lorenzo, Peru

**GPS Coordinates:** Latitude:04 39.161 S Longitude:076 35.238 W

**People Served:** 120

**Report Presented To:** Millions from One

## THE COUNTRY

According to the 2008 UNDP report, Peru is ranked 78<sup>th</sup> out of 182 countries in the United Nations Human Development Index, with a dynamic economy that has expanded rapidly in recent years. While this growth has helped reduce the national poverty rate, poor infrastructure precludes the spread of development to Peru's non-coastal areas, and overdependence on minerals and metals leave the economy vulnerable to fluctuations in world prices.

Despite Peru's strong economic performance, major challenges remain with 39 percent of Peruvians still living in poverty and 13 percent in extreme poverty. Poverty reduction strategies have not achieved sustainable results, and children are the most vulnerable citizens. According to The World Bank, when compared to a wealthier Peruvian girl, a poor one is likelier to die before turning five years old, is twice as likely not to attend primary school, and will only have one third of the chance to have safe drinking water available throughout her life.

Another challenge facing the country is the limited government presence in the highlands and jungle. In these areas, illegal coca cultivation, drug trafficking, illegal logging, remnants of terrorism, and HIV/AIDS transmission often remain unchecked.

## OUR WORK IN PERU

Living Water International began working in Peru in 1998 and has completed more than 270 water projects since inception. In 2004, Living Water Peru partnered with Tommy Head Peru Ministries to bring clean, life-saving water to native tribes living along the tributaries of the Amazon River. Living Water Peru is currently working among the Candoshi and other native tribes in the remote, northern part of the country. For these communities, forgotten by their government, development cannot be achieved until clean water is secure or restored.

In many of these remote areas served by Living Water Peru, the infant mortality rate is 50 percent or higher. Clearly, the need for sustainable water solutions and health and hygiene education is desperate, but reaching these areas is often challenging. Getting to the villages, transporting supplies, and other mobilization efforts are risky, difficult, and costly. Even so, in the coming year, Living Water plans to drill 40 additional wells and rehabilitate 30 more for the people living along the tributaries of the Amazon, providing thousands of native Peruvians with clean, safe water for years to come.

## THE DATA

**Population:** 28.8 million

- 16% without access to an improved water source
- 28% without adequate sanitation services
- 44% living below the poverty line

**Life expectancy:** 73 years

**Infant mortality rate:**

28 per 1000 live births

**GNI per capita:** \$3990 USD

Sources: World Bank, UNICEF, USAID, CIA World Factbook

Official statistics often understate the extent of water and sanitation problems, sometimes by a large margin. Insufficient resources for monitoring population and/or coverage as well as varying definitions of coverage and access contribute to statistical variability.



## GENERAL INFORMATION

The team was forced to change locations due to a shooting in the original village. When the team arrived at the second site the community was utilizing an open, contaminated well as their primary source of water. Because of this residents were suffering from Malaria and other preventable water related illnesses. During the team's stay the community assisted by providing labor whenever possible and by providing security over the water project during the night. The nearest school is located .3 kilometers away from the community whose students, teachers and administrative personnel all have access to the new, safe water source.

## TESTIMONY

The LWI Peru team had an opportunity to meet with thirty-five year old male community member and local logger, Wenston Rodriguez who stated, "The water we drank from the old wells was dirty because they weren't covered or treated and when it rained debris ran into the wells."

## CHARACTERISTICS OF THE WELL

### Project Details

Community name, Type of location	Barrio Los Rosales, Pastaza River, San Lorenzo, Peru
Region/Province/District	Loreto, San Lorenzo
GPS Coordinates	Latitude:04 39.161 S Longitude:076 35.238 W
Altitude	130 m
Total depth	19 m
Static level	4 m
Diameter of casing	100 mm
Casing material	PVC
Pump type	India Mark II
Depth of cylinder	15 m
Well yield	120
No. of people served	120

## HYGIENE TEACHING

The community had a small clinic where the team shared the following principal hygiene education issues: Disease transmission, Germs, Hand Washing- proper techniques and water saving methods, Healthy Unhealthy Communities, Proper care of the pump, Keeping the water clean and community mapping- identifying hygiene behaviors.

PHOTOS



Previous Water Source



Close up of Plaque



Community residents pumping clean drinking water



Photo of Water Committee/Caretaker/Local Contact



Project in Process



Plaque on Pump



Photo of Person Interviewed