



INDIA

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THE DATA

- Population:** 1.16 billion
- 11% without access to an improved water source
 - 67% without adequate sanitation services
 - 25% living below the poverty line

Life expectancy: 69 years

Infant mortality rate:
55 per 1000 live births

GNI per capita: \$1070 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.

THE PROJECT

Project Location: Sarvaram, Nalgonda, India

GPS Coordinates: Latitude:17 01.498 N Longitude:080 17.194 E

People Served: 700

Report Presented To: Millions from One

THE COUNTRY

According to the 2008 UNDP report, India is ranked 134th out of 182 countries in the United Nations Human Development Index, with 900 million people living on less than two dollars a day. India struggles with a swelling population, environmental degradation, extensive poverty, and ethnic and religious warfare. Droughts, flash floods, and destruction from monsoonal rains, earthquakes, and tsunamis all continue to challenge the nation's developmental goals. With an annual population growth rate of 1.5%, essential resources and services (such as clean water and adequate sanitation) are becoming increasingly scarce.

Health is one of the most serious issues affecting development in India. One third of the world's tuberculosis cases are in India, and the country is one of four in the world where polio persists. An estimated 2.47 million people in India are HIV positive. Diarrhea alone causes more than 1,600 deaths each day, making it the second leading cause of death among Indian children. The World Bank estimates that 21% of communicable diseases in India are related to unsafe water. Latrine usage is also extremely poor in rural areas, with only 14% of the rural population having access to a latrine.



OUR WORK IN INDIA

Living Water International began working in the Indian central state of Andhra Pradesh in 1997. After beginning work in North India in 2000, an office was established in 2003 and new operations were launched in the south and the east in 2007. Living Water India has completed nearly 700 new water projects and more than 50 rehabs throughout these regions, most in collaboration with local churches, schools, and hospitals.

Future projections for Living Water operations in India include expansion into new areas, an increased emphasis on health and hygiene, and a redoubled effort in oral evangelism. In Central India, our implementer is embarking on a program of sustainability and will revisit all Living Water well sites and conduct an inspection to ensure the wells are working properly. Although the religious persecution faced by our implementers often impedes progress on water projects—one team was attacked and forced out of a village where they were drilling—Living Water's goal is to drill 100 new wells in India in the coming year and to repair 25 more.



GENERAL INFORMATION

When the team arrived the community was utilizing any water source available and because of this were suffering from Dysentery, Typhoid and Malaria. During the team's stay the community assembled a water committee consisting of five men and two women who assisted the team by providing labor, food whenever possible and security over the water project during the night. The majority of community residents sustain a living by agricultural farming; daily wage earners and several are sheppards. 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. Before leaving the community the team provided community resident Jakkaiah Mangadudla with a LWI India contact number in case their well were to fall into disrepair, become subject to vandalism or theft.

TESTIMONY

Before leaving the community the team had an opportunity to meet with forty-eight year old community resident Padmamma Gundeboina who stated, "Thanks for the water provision."

CHARACTERISTICS OF THE WELL

Project Details

Community name, Type of location	Sarvaram, Nalgonda, India
Region/Province/District	Telangana, Thipparthi, Nalgonda
GPS Coordinates	Latitude:17 01.498 N Longitude:080 17.194 E
Altitude	420.62 m
Total depth	51.68 m
Static level	18.24 m
Diameter of casing	150 mm
Casing material	PVC
Pump type	India Mark II
Depth of cylinder	21.28 m
Well yield	10.5
No. of people served	700

HYGIENE TEACHING

During the hygiene education the following principal issues were addressed: Hand Washing- proper techniques and water saving methods, Proper care of the pump, Keeping the water clean and Disease Transmission Stories.

PHOTOS



Previous Water Source



Project in Process



Community members pumping clean, safe drinking water from their new borehole



Project in Process



Road to the community



Community resident interviewed by LWI India



Photo of Water Committee/Caretaker/Local Contact



Plaque on Pump