

Safe Drinking Water Project at Gollaprolu village

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We adopted Gollaprolu, a large village, located midway on the rail line that runs from Chennai to Kolkata and is 25 Km from Kakinada (district headquarters). There are two airports nearby, Rajahmundry in the South at a distance of 65 km and Visakhapatnam in the North at a distance of 135 km. Nearest Express/Mail train stop is at Samarlakota (15 Km). Tata-Alleppy Express and Simhadri Express stop at Gollaprolu railway station and the popular Kakinada-Visakhapatnam passenger and other passengers too stop here. State Highway No. 214 passes through Gollaprolu village. Buses connect Gollaprolu with Kakinada, Tuni and Rajahmundry (nearest towns and markets).

Gollaprolu village has a population of 26,000. Agriculture is the source of their livelihood and many are agricultural laborers (Coolies) earning about US\$2.00 a day. Of course, the women laborers earn less than the men.

Drinking water is traditionally drawn from the wells around Sureedu Cheruvu (a 14 acre lake). At present, bore-well water is supplied through public taps and private connections. **Analysis of drinking water showed high TDS, high alkalinity, high hardness and presence of E. Coli and the water is termed as unfit for human consumption.** During monsoon, when drinking water turns turbid and brown, people boil the water and filter it before drinking.

Local medical practitioners say **nausea, vomiting, diarrhea, dysentery, typhoid fever and jaundice are due to contamination of food and water.** A safe drinking water supply would eliminate these ailments. Commercial companies sell processed water complying the Bureau of Indian standard IS:14543 at a price of Rs. 10-12 for one liter of bottled water.

A plant producing 1000 liters of processed water per hour using Reverse Osmosis, UV radiation and Ozonization costs about Rs.4,50,000 and other components cost Rs. 3,50,000. Land and building (worth Rs. 2,00,000) is readily available with Gavarasana Foundation at Gollaprolu village. So the project needs about Rs. 8,00,000 or about US\$20,000.

We request you to support this safe drinking water project.

Contact for further details:

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