

Water pollution crossing limits in Gundlapochampalli

According to the three-year study, Impact of urbanisation on groundwater in the central basin of Hyderabad, the pollutants detected in the groundwater varied according to the area under test.

The concentration of total dissolved solids was found to be nearly 1,800 mg/l in Jeedimetla and Kukatpally and 1,500mg/l in Balanagar and Sanathnagar. The reason for the differential has been attributed to leaching of solid waste and industrial effluents from Kukatpally industrial area into the groundwater.

Chloride concentration was found to be over 250 mg/l in Kukatpally, Yusufguda and near Rasoolpura, along with an increase in sulphate concentration in Sanathnagar and Balanagar.

Nitrate level was above 10 mg/l, the result of poor disposal of urban solid waste.

The study noted that Gundlapochampalli polluted water might start affecting the groundwater at Indira Park and Ashoknagar. The study warned that intense rainfall in the Gundlapochampalli catchment area could cause flooding downstream' most of the catchment area is cemented, leaving no space for water to seep into the ground, the study noted.