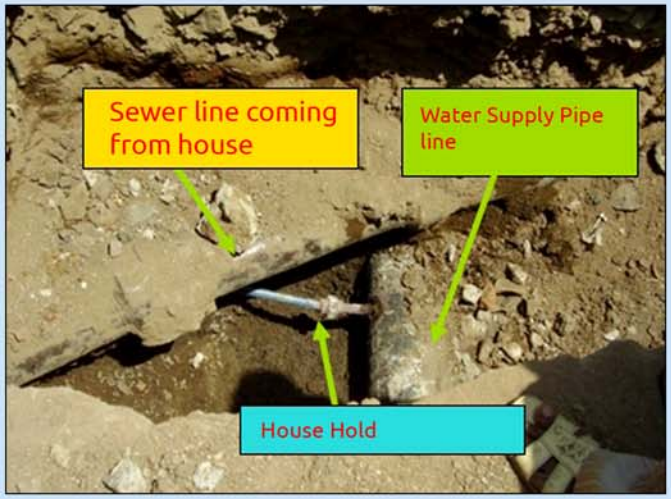
WATER SAFETY PLANS FOR WATER SUPPLY DISTRIBUTION NETWORK FOR THE INFLUENCE ZONE(S) OF O & M DIVISIONS I, II IN HYDERABAD

Location	:	Hyderabad, Andhra Pradesh, India
Type	:	Water Supply
Client	:	Hyderabad Metropolitan Water Supply and Sewerage Board (HMWSSB), Andhra Pradesh
Completion	:	July 2008
Scope of Work	:	Detailed Project Report
Project Cost	:	₹ 48.53 crores

Technical Data

Area	:	52.90 sq. km
Population	:	1.4 million
Length of the Distribution Network	:	944 km



Other Information

The latest methodology was adopted for this project by developing tools with the help of GIS integrated with EPANet and Integrated Risk Assessment–Water Distribution System (IRA-WDS) software. The results from IRA-WDS will also guide O&M engineers in decision-making during regular operation & maintenance. By adopting this technique, the pipeline leakages can be minimised preventing water pollution and minimising water losses (UFW). Preparation of a Water Safety Plan of this magnitude, meeting all international standards, was the first of its kind in India and set a bench mark in the water industry.

Aarvee received the "National Award for Excellence in Water Management 2009" for this project, from the Confederation of Indian Industry – Green Business Centre.