

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

UNSTARRED QUESTION NO:2297

ANSWERED ON:08.08.2005

CONFERENCE OF GROUNDWATER POLLUTION

Adsul Shri Anandrao Vithoba;Chowdhury Shri Adhir Ranjan;Singh Shri Uday;Verma Shri Ravi Prakash

Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether a National Conference on ground water pollution was held recently in New Delhi;
- (b) if so, the details thereof and the recommendations made in the said conference to combat ground water pollution;
- (c) whether according to a study conducted by the school of Environmental Studies, it has been found that the samples of water contains variety of metals and heavy metals;
- (d) if so, whether the Central Pollution Control Board have taken any steps in this regard; and
- (e) the measures taken by the Union Government to implement these recommendations?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAI PRAKASH NARAYAN YADAV)

(a) & (b) A Two days Workshop-cum-Conference on "Emerging Technologies for Controlling Ground Water Pollution: Drinking Water Prospectives" was organized by the Department of Civil Engineering, IIT Delhi on May 19-20, 2005. Recommendations emerged from workshop have highlighted the use of scientific methods involving modeling techniques, improved understanding of relation between contaminants soil/aquifer media and hydro-geology environment and evaluating viability of emerging low cost water treatment technologies.

(c) School of Environmental Sciences, Jawaharlal Nehru University, New Delhi has carried out a study on ground water quality in vicinity of Bhalsava landfill site in Delhi. As per the study ground water samples contains iron, manganese, copper, lead, nickel and zinc. The study has also indicated that the concentrations of metal increase as approached towards landfill.

(d) The Central Pollution Control Board has also carried out a study on heavy metal levels in ground water samples surrounding the Bhalsava landfill site. The studies have indicated presence of iron and zinc. However, samples collected have shown signs of non traceable concentration in respect of lead, chromium and cadmium.

(e) As per Municipal Solid Waste (Management and Handling) Rules, 2000, Municipal Corporation of Delhi is required to operate landfill site. The existing landfill site will have to be closed and new sites to be identified for future operations.