

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

UNSTARRED QUESTION NO:2319
ANSWERED ON:15.12.2008
WATER TREATMENT PLANTS
Thakur Shri Anurag Singh

Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether the Government has conducted any study regarding the presence of the toxic substances in ground water and their adverse effects on human health;
- (b) if so, the details thereof alongwith the steps taken for maintaining the good quality of ground water State-wise;
- (c) whether the Government proposes to set up water treatment plants for presenting ground water from getting polluted in those states where the toxicity of water is more;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

Answer

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

- (a) & (b) The Central Ground Water Board (CGWB), in the course of its surveys and studies, has found arsenic and fluoride as ground water contaminations. Prolonged use of arsenic, contaminated water for drinking causes diseases like dermatosis, keratosis, conjunctivitis, bronchitis and gastro-enteritis in the initial stage and peripheral neuropathis, hepatopathy, melanosis, de-pigmentation and hyper-keratosis. Excess flouride contamination causes dental molting, skeletal and crippling fluorosis.
- (c) to (e) CGWB assists State Governments in the exploration of ground water sources free from contaminations, provides technical guidance to States in tackling problems of ground water quality.