

**GOVERNMENT OF INDIA
ENVIRONMENT AND FORESTS
LOK SABHA**

STARRED QUESTION NO:213

ANSWERED ON:24.11.2010

GROUND WATER POLLUTION

Agarwal Shri Rajendra;Ramasubbu Shri S.

Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

- (a) whether the Government has taken note of the level of pollution of the ground water and contamination of drinking water;
- (b) if so, the details thereof;
- (c) whether the Central Pollution Control Board (CPCB) and other agencies have conducted any survey to assess the situation in various cities of the country;
- (d) if so, the details thereof, State-wise including the sources/causes identified for such pollution;
- (e) the action taken against the erring persons/entities; and
- (f) the steps taken by the Government to ensure availability of pollution free water to the masses?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS (SHRI JAIRAM RAMESH)

(a) to (f) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF LOK SABHA STARRED QUESTION NO. 213 TO BE ANSWERED ON 24th NOVEMBER, 2010 REGARDING GROUND WATER POLLUTION RAISED BY SHRI RAJENDRA AGRAWAL AND SHRI S.S.RAMASUBBU.

(a) to (d) The Central Pollution Control Board (CPCB) is monitoring ground water quality at 490 locations under National Water Quality Monitoring Programme (NWMP). The ground water samples are analysed for physico-chemical and bacteriological parameters. The analysis of ground water samples indicates that the salinity, nitrate and fluoride are not meeting the desired water quality criteria. The main cause of contamination in water bodies including ground water is due to discharge of partially treated or untreated domestic and industrial effluents. In addition, the ground water is also contaminated due to geogenic activities and improper waste management practices in urban areas. The State-wise causes identified for such pollution are given at Annexure.

(e) The Central and State Pollution Control Boards are implementing Water (Prevention and Control of Pollution) Act, 1974 to restore water quality of water bodies including ground water due to industrial effluent and sewage from industries and municipal bodies.

(f) The main steps taken to prevent and control water pollution include:

Ensuring compliance of standards in industries and municipal bodies under Water (Prevention and Control of Pollution), Act. 1974.

Ensuring Setting up of common effluent treatment plants (CETPs) for small scale industries (SSIs).

Promotion of low-waste and no waste clean technology.

Issuing directions to the non-complying industries.

Setting up of additional sewage treatment plants (STP) in cities/towns.

A mutually agreed time targeted programme implemented under Corporate Responsibility on Environment Protection (CREP).

Identification of urban centres discharging wastewater in aquatic resources and having no treatment facilities, for appropriate action under Water Act, 1974.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) to (d) OF LOK SABHA STARRED QUESTION NO.213 TO BE ANSWERED ON 24th NOVEMBER, 2010 REGARDING GROUND WATER POLLUTION RAISED BY SHRI RAJENDRA AGRAWAL AND SHRI S.S.RAMASUBBU.

Andhra Pradesh

Conductivity is not meeting the desired criteria at four (04) locations in A.P.

BOD is not meeting the desired criteria at three (03) locations in A.P.

Nitrate is not meeting the desired criteria at three (03) locations in A.P.

Assam

pH is not meeting the desired criteria at seven (07) locations in Assam

BOD is not meeting the desired criteria at two (02) locations in Assam

Nitrate is not meeting the desired criteria at three (03) locations in Assam

Mizoram

Ground water is meeting the desired criteria at all locations monitored in the state of Mizoram.

Manipur

Ground water is meeting the desired criteria at all locations monitored in the state of Manipur.

Tripura

Ground water is meeting the desired criteria at all locations monitored in the state of Tripura.

Chattisgarh

Ground water is meeting the desired criteria at all locations except Conductivity at one location in Chattisgarh.

Madhya Pradesh

Conductivity is not meeting the desired criteria at four (04) locations in M.P.

BOD is not meeting the desired criteria at one (01) location in M.P.

Nitrate is not meeting the desired criteria at one (01) location in M.P.

Himachal Pradesh

pH is not meeting the desired criteria at one (01) location in Himachal Pradesh.

BOD is not meeting the desired criteria at one (01) location in Himachal Pradesh

Chandigarh

Ground water is meeting the desired criteria at all locations in Chandigarh.

Punjab

Ground water is meeting the desired criteria at all locations in Punjab.

Kerala

pH is not meeting the desired criteria at eight (08) location in Kerala.

Tamil Nadu

Ground water is meeting the desired criteria at all locations in Tamil Nadu.

Pondicherry

pH is not meeting the desired criteria at two (02) location in Pondicherry

Daman & Diu

Conductivity is not meeting the desired criteria at one (01) locations in Daman & Diu

BOD is not meeting the desired criteria at three (03) locations in

Dadra Nagar Haveli

Conductivity is not meeting the desired criteria at two (02) locations in Dadra Nagar Haveli

BOD is not meeting the desired criteria at four (04) locations in Dadra Nagar Haveli

Maharashtra

Conductivity is not meeting the desired criteria at seven (07) locations in Maharashtra
BOD is not meeting the desired criteria at fifteen (15) locations in Maharashtra

Orissa

Ground water is meeting the desired criteria at all locations in Orissa

Gujarat

pH is not meeting the desired criteria at two (02) location in Gujarat
Conductivity is not meeting the desired criteria at twelve (12) locations in Gujarat.
BOD is not meeting the desired criteria at three (03) location in Gujarat

Rajasthan

Conductivity is not meeting the desired criteria at fifteen (15) locations in Rajasthan.
BOD is not meeting the desired criteria at three (03) locations in Rajasthan.

Uttar Pradesh

Ph is not meeting the desired criteria at one(01) locations in Uttar Pradesh
Conductivity is not meeting the desired criteria at two (02) locations in Uttar Pradesh
BOD is not meeting the desired criteria at two(02) locations in Uttar Pradesh