

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO. 1507
TO BE ANSWERED ON 24.12.2018

River pollution control measures

1507. DR. KANWAR DEEP SINGH:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether it is a fact that the number of polluted stretches of rivers increased to 351, from 302, two years ago and quality indicators have gone up to 45 from 34;
- (b) if so, the details thereof, State-wise; and
- (c) the details of control measures being taken up?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(DR. MAHESH SHARMA)

(a) & (b) Central Pollution Control Board (CPCB) in association with the State Pollution Control Boards monitors the water quality of rivers across the country through a network of monitoring stations under the National Water Quality Monitoring Programme. As per the report published by Central Pollution Control Board (CPCB) in February 2015, 302 polluted river stretches were identified on 275 rivers based on Bio-chemical Oxygen Demand (BOD) levels, a key indicator of organic pollution. However, as per the recent report published by CPCB in September 2018, 351 polluted river stretches have been identified on 323 rivers. The State-wise details of identified polluted river stretches are at *Annexure*. The polluted river stretches have been categorized into 5 Priority Classes, based on BoD levels as under:-

Priority I -	BOD exceeding 30 mg/l
Priority II -	BOD between 20-30 mg/l
Priority III-	BOD between 10-20 mg/l
Priority IV-	BOD between 6-10 mg/l
Priority V -	BOD between 3-6 mg/l

As per the reports of CPCB, the number of polluted river stretches in Priority Class-I has increased from 34 to 45 between the years 2015 & 2018.

(c) Pollution abatement of rivers is a continuous and ongoing process. It is the responsibility of the State Governments/ concerned local bodies to set up facilities for

collection, transportation and treatment of sewage being generated and ensure that untreated sewage does not fall into the rivers, thereby polluting them. This Ministry has been supplementing the efforts of the State Governments in abatement of pollution in identified stretches of various rivers under the scheme of National River Conservation Plan (NRCP), on a cost sharing basis between the Central and State Governments.

NRCP {excluding Ganga and its tributaries, which are handled by Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR,RD&GR) from 01/08/2014 onwards} has so far covered polluted stretches of 33 rivers in 76 towns spread over 15 States in the country at a sanctioned cost of Rs. 4801.57 crore, and Central share of Rs. 2337.73 crore has been released to the State Governments for implementation of various pollution abatement schemes. Sewage treatment capacity of 2520.43 mld (million litres per day) has been created so far under the NRCP.

State Governments, apart from their own budgetary allocation, are also accessing financial assistance for creation of sewerage infrastructure, including Sewage Treatment Plants (STPs), in various cities/towns under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) and Smart Cities Mission of Ministry of Housing & Urban Affairs as well as Namami Gange programme of Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR,RD&GR).

To ensure proper treatment of municipal wastewater before discharge into the rivers, CPCB has issued directions under Section 18 1(b) of the Water (Prevention and Control of Pollution) Act, 1974 in April, 2015 to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) in the country for setting up of STPs in their respective States. CPCB has also issued directions in October, 2015 to municipal authorities of 66 metropolitan cities and State capitals under Section 5 of the Environment (Protection) Act, 1986 to ensure proper treatment and disposal of sewage generated for abatement of pollution of rivers.

Further, to control discharge of industrial effluents, CPCB and respective SPCBs/PCCs monitor industries with respect to effluent discharge standards and take action for non-compliance under the Water (Prevention and Control of Pollution) Act, 1974 and the Environment (Protection) Act, 1986. To improve the monitoring of compliance, directions have been issued by CPCB to specific industries to install online 24x7 effluent monitoring systems. Steps have also been taken by CPCB to promote low waste concept in grossly water polluting industries, particularly those located on the river banks.

Annexure referred to in reply to parts (a) & (b) of Rajya Sabha Unstarred Question No. 1507 to be answered on Monday, the 24th December, 2018 on 'River pollution control measures'

State-Wise Polluted River Stretches

S.No.	Name Of State	Name of Polluted River Stretches	Number
1	Andhra Pradesh	Kundu, Tungabhadra, Godavari, Krishna, Nagavali	5
2	Assam	Bharalu, Borsola, Deepar Bill, Digboi, Kamalpur, Panchnai Brahamputra, Kharsang, Pagldia, Barak, Baroi Bega, Beki, Bhogdoi, Boginadi, Borbeel, Bordoibam Beelmukh, Burhidihing, Dhansiri, Dikhow, Dikrong, Diplai, Disang, Gabharu, Holudunga, Jai Bharali, Jhanji, Kalong, Kapili, Killing, Kohora, Kulsi, Malini, Mora Bharali, Parashali, Puthimari, Ranga, Samaguri, Sankosh, Silsako, Sorousola, Son, Sonai, Tenga Pukhuri	44
3	Bihar	Sirsia, Farmar, Ganga, Poonpun, Ram Rekha, Sikrahna	6
4	Chhattisgarh	Hasdeo, Kharoon, Mahanadi, Seonath, Kelo	5
5	Daman, Diu and Dadra Nagar Haveli	Damangang	
6	Delhi	Yamuna,	1
7	Goa	Sal, Mandovi, Talpona, Assonora, Bicholim, Chapora, Khandepar, Sinquerim, Tiracol, Valvant, Zuari	11
8	Gujarat	Amlakhadi, Bhadar, Bhogavo, Khari, Sabarmati, Vishwamitri, Dhadar, Triveni, Amravati (Tributary Of Narmada), Damanganga, Kolak, Mahi, Shedhi, Tapi, Anas, Balehwar Khadi, Kim, Meshwa, Mindhola, Narmada	20
9	Haryana	Ghaggar, Yamuna	2
10	Himachal Pradesh	Sukhana, Markanda, Sirsa, Ashwani, Beas, Giri, Pabbar	7
11	Jammu & Kashmir	Devika, Banganga, Chunt Kol, Gawkadal, Tawi, Basanter, Chenab, Jhelam, Sindh	9
12	Jharkhand	Garga, Sankh, Subarnarekha, Damodar, Jumar, Konar, Nalkari	7
13	Karnataka	Arkavathi, Lakshmantirtha, Malprbha, Tungabhadra, Bhadra, Cauvery, Kabini, Kagina, Kali, Krishna, Shimsha, Asangi Nalla, Bhima, Kumardhara, Netravathi, Tunga, Yagachi	17
14	Kerala	Karamana, Bharathapuzha, Kadambayar, Keecheri, Manimala, Pamba, Bhavani, Chitrapuzha, Kadalundy, Kallai, Karuvannur, Kavvai, Kuppam, Kuttiyady, Mogral, Periyar, Peruvamba, Puzhackal, Ramapuram, Thirur, Uppala	21
15	Madhya Pradesh	Chambal, Khan, Kshipra, Betwa, Sone, Gohad, Kolar, Tapi, Bichia, Chamla, Choupan, Kalisot, Kanhan, Katni, Kunda, Malei, Mandakini (Mp), Newaj, Parvati, Simrar, Tons, Wainganga	22
16	Maharashtra	Godavari, Kalu, Kundalika, Mithi, Morna, Mula,	53

		Mutha, Nira, Vel, Bhima, Indrayani, Mula-Mutha, Pawana, Wainganga, Wardha, Ghod, Kanhan, Kolar (Mah), Krishna, Mor, Patalganga, Pedhi, Penganga, Purna, Tapi, Urmodi, Venna, Waghur, Wena, Bindusar, Bori, Chandrabhaga, Darna, Girna, Hiwara, Koyna, Pehlar, Sina, Titur, Amba, Bhatsa, Gomai, Kan, Manjeera, Panchganga, Panzara, Rangavali, Savitri, Surya, Tansa, Ulhas, Vaitarna, Vashisti	
17	Manipur	Nambul, Imphal, Iril, Khuga, Khujairok, Lokchao, Manipur, Thoubal, Wangjing	9
18	Meghalaya	Umkhrah, Umshyрпи, Kyrhukhla, Nonbah, Umtrew, Lukha, Myntdu	7
19	Mizoram	Tiau, Tlawng, Tuipui, Tuivawl, Chite, Mat, Saikah, Tuikual, Tuirial	9
20	Nagaland	Dhansiri, Dzuna, Chathe, Dzu, Dzucha, Sano	6
21	Odisha	Gangua, Guradih Nallah, Kathajodi, Nandirajhor, Daya, Kuakhai, Banguru Nallah, Bheden, Brahamani, Budhabalnaga, Kusumi, Mahanadi, Mangala, Nagavalli, Nuna, Ratnachira, Rushikulya, Sabulia, Serua	19
22	Puducherry	Arasalar, Chunnambar	2
23	Punjab	Ghaggar, Satluj, Kali Bein, Beas	4
24	Rajasthan	Banas, Chambal,	2
25	Sikkim	Maney Khola, Rangit, Ranichu, Teesta	4
26	Tamil Nadu	Cauvery, Sarabanga, Thirumanim Uthar, Vasista, Bhavani, Tambirapani	6
27	Telangana	Musi, Manjeera, Nakkavagu, Karakavagu, Maner, Godavari, Kinnersani, Krishna	8
28	Tripura	Burigaon, Gumti, Haora, Juri, Khowai, Manu	6
29	Uttar Pradesh	Hindon, Kalinadi, Varuna, Yamuna, Gomti, Ganga, Ramganga, Betwa, Ghaghara, Rapti, Sai, Saryu	12
30	Uttarakhand	Bhela, Dhela, Suswa, Kichha, Kalyani, Ganga, Kosi, Nandour, Pilkhar	9
31	West Bengal	Vindhadhari, Mahananda, Churni, Dwarka, Ganga, Damodar, Jalangi, Kansi, Mathabhanga, Barakar, Dwarakeshwar, Kaljani, Karola, Mayurkashi, Rupnarayan, Silabati, Teesta	17
	Grand Total :		351