

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 3380
TO BE ANSWERED ON 06.12.2016

Study on Polluted Rivers

3380. SHRI UDAY PRATAP SINGH:

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

- (a) whether the Government has conducted any study with regard to polluted rivers in the country;
- (b) if so, the details and the outcome thereof;
- (c) whether the Government has taken any steps for rejuvenation of rivers particularly Yamuna river; and
- (d) if so, the details thereof

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ANIL MADHAV DAVE)

(a) and (b) Central Pollution Control Board (CPCB) has conducted a study on polluted rivers in the country and published a report in February 2015. As per the report, 302 polluted river stretches have been identified on 275 rivers based on Bio-chemical Oxygen Demand (BOD) levels, a key indicator of organic pollution. The State-wise details are at Annexure.

(c) and (d) It is the responsibility of the State Governments / concerned local bodies to set up proper facilities for collection, transportation and treatment of sewage being generated and ensure that untreated sewage does not fall into the rivers. The Ministry has been supplementing the efforts of the State Governments in abatement of pollution in identified stretches of various rivers under the National River Conservation Plan (NRCP) and National Ganga River Basin Authority (NGRBA) programmes, for implementation of projects on cost sharing basis between Central and State Governments. The NGRBA programme along with work of Ganga & its tributaries is with Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR,RD&GR) from 01/08/2014 onwards. The programmes of NRCP & NGRBA (till 31/07/2014) have covered polluted stretches of 43 rivers in 200 towns spread over 21 states, at a sanctioned cost of Rs. 12202.59 crore so far. Sewage treatment capacity of 5169 mld has been created so far under these two programmes.

Financial assistance has been provided to the states of Uttar Pradesh, Delhi and Haryana for pollution abatement of river Yamuna under Yamuna Action Plan (YAP) in a phased manner since 1993. JICA (Japan International Cooperation Agency) is providing loan assistance for taking up works under YAP, which relate to sewerage/interception and diversion of drains, sewage treatment plants (STPs), low cost sanitation/community toilet complexes, electric/improved wood crematoria, etc. A total expenditure of Rs. 1514.70 crore (including State share) has been incurred on the sanctioned schemes under YAP Phase-I &

Phase-II in the 3 States and sewage treatment capacity of 942.25 million litres per day (mld) has been created.

The JICA assisted YAP Phase - III project for Delhi has been approved at an estimated cost of Rs 1656 crore. Under the project, Delhi Jal Board (DJB) is implementing rehabilitation of existing trunk sewers and rising mains, upgradation/ modernization of existing 7 STPs with a total treatment capacity of 814 mld and construction of a new 136 mld STP (in place of the old STP). The project is scheduled for completion by December, 2018. Till date, Central share of Rs. 9.96 crore has been released for the project and total expenditure of Rs. 14.58 crore (including State share) has been incurred by DJB.

In addition, the Public Health Engineering Department (PHED), Haryana is implementing two projects costing Rs. 217.87 crore for pollution abatement of river Yamuna in towns of Sonapat and Panipat from internal budgetary resources of the Government. Sewage treatment capacity of 25 mld has been created so far in Panipat under the project. Till date, Rs. 125.66 crore of Central share has been released towards implementation of these two projects.

Annexure

Annexure referred to in reply to parts (a) & (b) of Lok Sabha Unstarred Question No. 3380 to be answered on 6th December, 2016 on 'Study on Polluted Rivers'

State-Wise Polluted River Stretches

S.No.	State Name	Stretch Identified	Number
1	Andhra Pradesh	Godavari, Hundri, Krishna, Tungabhadra, Pennar, Kundu	6
2	Assam	Mora Bharali, Barak, Beki, Bharalu, Bhogdoi, Boginadi, Brahmaputra, Burhidihing, Deepar Bill, Dhansiri, Digboi, Disang, Jia Bharali, Jhanji, Kalong, Kapili, Kharsang, Kohora, Kundli, Kushiara, Manas, Pagldia, Panchnai, Ranga Nadi, Sankosh, Sonai, Subansiri, Kathakal	28
3	Bihar	Ganga, Harbora, Manusmar, Ram Rekha, Sirsia	5
4	Chhattisgarh	Hasdeo, Kelo, Kharoon, Mahanadi, Seonath	5
5	Daman, Diu and Dadra Nagar Haveli	Damanganga	1
6	Delhi	Yamuna	1
7	Goa	Mandovi, Assonora, Bicholim, Chapora, Khandepar, Mapusa, Sal, Valvant	8
8	Gujarat	Mahi, Narmada, Ambika, Amlakhadi, Anas, Balehwar Khadi, Bhadar, Damanganga, Kaveri, Khari, Kim, Kolak, Panam, Bhogavo, Dhadar, Purna, Sabarmati, Shedhi, Tapi, Triveni,	20
9	Haryana	Ghaggar, Yamuna	2
10	Himachal Pradesh	Beas, Tons, Sirsa, Swan, Sukhana, Suketi Khad, Binwa, Markanda	8
11	Jammu & Kashmir	Banganga, Basanter, Chenab, Chunt Kol, Dewak, Gawkadal, Jhelam, Lidder, Tawi	9
12	Jharkhand	Bokaro, Koel, Damodar, Jumar, Karo, Sankh, Subarnarekha, Koel	8
13	Karnataka	Arkavathi, Bhadra, Bhima, Cauvery, Ghatprabha, Kabini, Kagina, Kali, Krishna, Lakshmantirtha, Malprbha, Manjira, Shimsha, Tungabhadra, Tungha	15
14	Kerala	Chitrapuzha, Kadambayar, Kallai, Karamana, Keecheri, Kuppam, Manimala, Neeleswaram, Periyar, Pullur, Puzhackal, Thirur, Uppala	13
15	Madhya Pradesh	Banjar, Betwa, Bichia, Chambal, Chillar, Denwa, Gohad, Gour, Jammer, Kalisot, Khan, Kolar, Kshipra, Kunda, Malei, Narmada, Parvati, Shivna, Tapi, Tons, Wainganga	21

16	Maharashtra	Wena, Wainganga, Godavari, Bhima, Krishna, Ulhas, Kundalika, Tapi, Girna, Panchganga, Nira, Bhatsa, Rangavali, Indrayani, Chandrabhaga, Vashisti, Mithi, Kanhan, Koyna, Amba, Amravati, Bindusara, Darna, Ghod, Gomai, Hiwara, Kan, Manjara, Mor, Morna, Mula, Mula- Mutha, Mutha, Panzara, Patalganga, Pawna, Pedhi, Pelhar, Penganga, Purna, Savitri, Sina, Surya, Urmodi, Vaitrana, Vel, Venna, Waghur, Wardha	49
17	Manipur	Barak, Imphal, Iril, Khuga, Khujairok, Lokchao, Maha, Manipur, Nambul, Sekmai, Thoubal, Wangjing	12
18	Meghalaya	Bugi, Kynshi, Kyrhukhla, Lukha, Myntdu, Nonbah, Umkhras, Umshyrpi, Umtrew, Wahblei	10
19	Nagaland	Chathe, Dhansiri, Dzu	3
20	Odisha	Baitrani, Brahamani, Budhabalnaga, Daya, Kathajodi, Koel, Kuakhai, Mahanadi, Nagavalli, Rushikulya, Serua, Vansadhara	12
21	Punjab	Ghaggar, Satluj	2
22	Rajasthan	Banas, Chambal, Chappi, Ghaggar, Kali Sindh, Parvati, Jawai, Ujad	8
23	Sikkim	Dikchu, Maney Khola, Rangit, Ranichu, Teesta	5
24	Tamil Nadu	Bhavani, Cauvery, Palar, Sarabanga, Tambirapani, Thirumanimuthar, Vasista	7
25	Telangana	Godavari, Krishna, Manjeera, Musi, Nakkavagu, Sabari, Maner	7
26	Tripura	Gumti, Haora	2
27	Uttar Pradesh	Betwa, Ghaghara, Gomti, Hindon, Kalinadi, Ramganga, Rapti, Rihand, Sai, Saryu, Ganga, Yamuna, Kosi	13
28	Uttarakhand	Bhela, Dhela, Suswa, Ganga, Kosi	5
29	West Bengal	Barakar, Churni, Damodar, Dwarakeshwar, Dwarka, Ganga, Jalangi, Kaljani, Kanshi, Karola, Mahananda, Mathabhanga, Mayurkashi, Rupnarayan, Silabati, Teesta, Vindhadhari	17
Total :			302