

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**RAJYA SABHA**  
**UN-STARRED QUESTION NO. 1486**  
TO BE ANSWERED ON 08.03.2021

**Status of pollution in Jharkhand**

1486. SHRI SAMIR ORAON:

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

- (a) the details of current status of pollution level in the State of Jharkhand;
- (b) whether the Central Government has approved funds to the State of Jharkhand for the purpose of pollution control over there; and
- (c) if so, the details of the funds provided to the State Government during the last three years?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**  
**(SHRI BABUL SUPRIYO)**

(a) Central Pollution Control Board (CPCB) in association with Jharkhand State Pollution Control Board (SPCB) monitors air and water bodies across the country under National Air Quality Monitoring Programme (NAMP) and National Water Quality Monitoring Programme (NWMP).

There are 10 manual stations in 7 cities and 1 real-time station (CAAQMS) in 1 city in the State of Jharkhand. The Annual Ambient Air Quality data of the State of Jharkhand for 2018-2020 is given at Annexure-I. Analysis of the ambient air quality data reveals that SO<sub>2</sub> levels were within the National Ambient Air Quality Standard (NAAQS) in all cities in all three years. With respect to NO<sub>2</sub>, 2 cities (Jamshedpur and Saraikela) exceeded the Standard in 2018 and 2019. With respect to PM<sub>10</sub>, all the 08 cities exceeded the Standard in all three years.

Water quality of Rivers is monitored at 76 locations in Jharkhand state (rivers – 65, lakes – 4, ponds – 4 and ground water – 3). Based on the analysis of water quality data of 521 rivers for the year 2016 and 2017, CPCB has identified 351 polluted river stretches on 323 rivers based on exceedance of Bathing Water Quality Criteria parameter of Bio-chemical Oxygen Demand (BOD) (3.0 mg/l). In Jharkhand state, 07 polluted river stretches were identified as detailed below:

River	Polluted Stretch	BOD Range/ Max Value (mg/l)	Priority Class
Garga	Along Talmuchu	6.2	IV
Sankh	Kongserabasar To Bolba	8.4	IV
Subarnarekha	Hatia Dam To Jamshedpur	3.4 - 10	IV

Damodar	Phusro Road Bdg To Turio	3.9	V
Jumar	Kanke Dam To Kadal	3.3	V
Konar	Along Tilaya And Konar	3.4 - 3.6	V
Nalkari	Along Patratu	3.8	V

*Note: Priority Class – IV (BOD: 6 - 10 mg/l); Priority Class – V (BOD: 3 - 6 mg/l)*

CPCB has also estimated the sewage generation for urban centres of Jharkhand. Total sewage generation estimated is 1270 MLD against the treatment capacity of 117.24 MLD i.e. 15 STPs. Details are given at Annexure-II.

(b) &(c)

(1) Funds provided to Jharkhand Pollution Control Board and Urban Local Bodies (ULBs) during last three years under Control of Pollution Scheme and grant to ULBs on 15th Finance Commission (XV-FC) is as under:

Scheme	Agency	2018-19 (in Rs.)	2019-20 (in Rs.)	2020-21 (in Rs.)
Control of Pollution Scheme	Jharkhand Pollution Control Board	-	1,04,36,014	24,00,000
Control of Pollution Scheme	Jharkhand Pollution Control Board	-	6,00,00,000	-
Grant to ULBs (XV – FC)	ULBs	-	-	79,50,00,000

(2) The reimbursement of expenses to Jharkhand SPCB during the last three years in 2018 - 2020 incurred towards water quality monitoring under NWMP is detailed below:

Financial year	Expenses Reimbursed (in Rs.)
2017-18	26,55,090
2018-19	16,15,480
2019-20	27,47,470

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**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF RAJYA SABHA UNSTARRED QUESTION NO. 1486 DUE FOR REPLY ON 08/03/2021 REGARDING ‘STATUS OF POLLUTION IN JHARKHAND’ RAISED BY SHRI SAMIR ORAON, HON’BLE MEMBER OF PARLIAMENT**

<b>Ambient Air Quality Data of Jharkhand 2018-2020 (Manual)</b>									
<b>Year →</b>	<b>2018</b>			<b>2019</b>			<b>2020</b>		
<b>City/Town</b>	<b>SO<sub>2</sub></b>	<b>NO<sub>2</sub></b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>2</sub></b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>2</sub></b>	<b>PM<sub>10</sub></b>
Barajamda	16	23	75	17	23	76	26	32	116
Dhanbad	14	37	264	14	35	237	14	35	182
Jamshedpur	37	46	128	38	47	138	30	37	104
Jorapokhar*	-	8	211	22	9	123	24	10	115
Jharia	14	36	322	14	35	302	14	36	247
Ranchi	18	36	122	18	37	109	17	36	106
Saraikela	36	45	128	37	46	135	29	36	108
Sindri	13	34	136	13	33	137	13	35	145

Note: All concentration are in  $\mu\text{g}/\text{m}^3$  “\*” CAAQMs data

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**Sewage Treatment Plants in Jharkhand**

No.	City/town	STP Location	Status (Operational/Non-Operational/ Under Construction)
1.	Bokaro	IEL Gomia Township	Operational
2.		BSL Township(a) Sector 12	Operational
3.		(b) Sector 6	Operational
4.		(c) Sector 11	Operational
5.		(d) Dhandabara	Operational
6.		(e) Camp II	Operational
7.		(f) BGH	Operational
8.	Jamshedpur	STP Kharkai	Operational
9.		STP Bara	Operational
10.		Baridih STP Unit-I	Operational
11.		Baridih STP Unit-II	Operational
12.	UCIL Jadugora, ES	Jadugoda STP	Operational
13.		NarwaPahar STP	Operational
14.	HCL Moubhandar	Moubhandar	Operational
15.		Moubhandar	Operational