

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO.1057
TO BE ANSWERED ON 22.11.2019

Pollution from Cement Factories

1057. SHRI MAHABALI SINGH:

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

- (a) whether the Government is aware of severe water crisis and spread of serious diseases caused by pollutants emanating from cement factories in several States in the country particularly in Aurangabad district of Bihar;
- (b) if so, the details thereof; and
- (c) the corrective measures taken by the Government in this regard?

ANSWER

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

(a)& (b) There are two cement (grinding) units namely M/s Bihar Cement Plant (capacity: 4.5MMTPA) & M/s New Bihar Cement Plant (capacity: 5.5MMTPA) located at Industrial Growth Centre, Dist-Aurangabad, Bihar.

No complaint has been received in CPCB regarding severe water crisis or spread of serious diseases caused by pollution emanating from this factory. Cement manufacturing involves water use for cooling purpose. Besides, water is used for domestic purpose, maintaining greenery, and water sprinkling for dust suppression. Otherwise, cement manufacturing is not a water intensive industry in terms of manufacturing process.

Cement plants are basically an air polluting industry which mainly emits Particulate Matter (PM) as pollutant. The cement plants which manufacture clinker emit NO_x and SO₂ also due to fuel use. Central Government has prescribed permissible limits for these emissions from cement plants. Spread of serious diseases caused by pollutants emanating from cement factories has not been reported.

(c) Central Government has constituted Central Ground Water Authority to take care of issues related to ground water scarcity. Any complaints about water crisis due to cement factories due to cement factories may be addressed by CGWA.

Central Government has stipulated standards / maximum permissible limits for emission of air pollutants from cement plants. These standards are enforced by state pollution control

boards. Any complaints about air pollution due to cement factories may be addressed by SPCBs. The assessment of of Ground water for all block of Aurangabad is attached herewith.

ANNEXURE-I

ANNEXURE-I REFERRED IN REPLY TO LOK SABHA UNSTARRED QUESTION NO. 1057 DUE FOR ANSWER ON 22.11.2019 REGARDING POLLUTION FROM CEMENT FACTORIES RAISED BY SHRI MAHABALI SINGH

Latest status of Ground Water in Bihar as reported CGWB

Sl. No.	District	Block	Sub-Unit	Total Area (ha)	Hilly Area (ha)	GW Worth Area (ha)	Net GW Resource (ha-m)	Gross GW Draft for Irrigation (ha-m)	Gross GW Draft for Domestic Purpose (ha-m)	Gross GW Draft by Industry (ha-m)	Gross Draft (All Uses) (ha-m)	Stage Of GW Development (%)	Category
1	Araria	Araria	Alluvium	40097	0	40097	12252.37	1229.10	1026.49	145.80	2401.39	19.60	Safe
2	Araria	Bhargawan	Alluvium	23326	0	23326	8043.65	914.55	379.59	64.73	1359.27	16.90	Safe
3	Araria	Forbisganj	Alluvium	42652	0	42652	14201.18	1897.35	1095.73	186.55	3179.63	22.39	Safe
4	Araria	Jokihat	Alluvium	27234	0	27234	10284.97	1125.15	530.37	82.78	1738.30	16.90	Safe
5	Araria	Kruskanta	Alluvium	16340	0	16340	5930.07	859.95	245.66	55.28	1150.89	19.58	Safe
6	Araria	Narpatganj	Alluvium	38171	0	38171	11873.16	1850.55	579.07	121.48	2551.10	21.49	Safe
7	Araria	Palasi	Alluvium	24787	0	24787	8062.85	1395.20	408.85	90.25	1895.30	23.51	Safe
8	Araria	Raniganj	Alluvium	47198	0	47198	14524.32	1819.35	656.77	123.81	2599.93	17.90	Safe
9	Araria	Sikti	Alluvium	19132	0	19132	6707.79	630.70	260.89	54.58	1146.27	17.09	Safe
	District	Araria		276937	0	276937	91880.35	1322.80	5185.92	925.27	16032.08	19.63	
1	Arwal	Arwal	Alluvium	12182	0	12182	5194.60	821.04	433.57	82.17	1337.68	25.75	Safe
2	Arwal	Bansi Surupur	Alluvium	8996	0	8996	2740.55	740.22	101.38	42.08	883.68	32.24	Safe
3	Arwal	Karpi	Alluvium	19453	0	19493	5667.49	1855.62	316.41	108.60	2280.63	40.24	Safe
4	Arwal	Kurtha	Alluvium	8929	0	8929	2428.60	1142.44	200.53	67.15	1410.12	58.06	Safe
5	Arwal	Kaler	Alluvium	14083	0	14083	5184.05	1779.57	373.88	107.67	2261.12	43.79	Safe
	District	Arwal		53683	0	53683	21196.48	6399.79	1426.78	407.67	6173.23	38.56	
1	Aurangabad	Aurangabad	Alluvium	28687	0	28687	10741.76	1416.44	449.35	103.89	1969.67	16.34	Safe
2	Aurangabad	Barun	Alluvium	31049	0	31049	11686.12	1538.50	329.31	93.39	1961.20	16.78	Safe
3	Aurangabad	Daudnagar	Alluvium	19662	0	19662	5683.08	860.81	331.89	66.32	1259.02	22.15	Safe
4	Aurangabad	Deo	Alluvium	27207	6930	20277	5975.20	605.56	285.14	58.53	1229.23	20.56	Safe
5	Aurangabad	Goh	Alluvium	30285	0	30285	10909.05	2517.12	385.86	145.15	3048.13	27.94	Safe
6	Aurangabad	Haspura	Alluvium	13678	0	13678	5270.87	1214.62	290.87	73.22	1583.71	30.05	Safe
7	Aurangabad	Kutumba	Alluvium	25961	0	25961	8698.50	3142.32	373.02	175.77	3691.11	42.43	Safe
8	Aurangabad	Madanpur	Alluvium	34954	8050	26904	8370.40	2017.23	347.88	118.29	2463.37	29.57	Safe
9	Aurangabad	Nabinagar	Alluvium	53906	0	53906	14164.70	1857.75	581.43	130.37	2569.54	18.14	Safe
10	Aurangabad	Obra	Alluvium	26503	0	26503	7803.10	1831.96	420.72	118.35	2371.03	30.39	Safe
11	Aurangabad	Rafiganj	Alluvium	38393	6250	32143	9271.60	3217.27	631.20	206.04	4054.51	43.73	Safe
	District	Aurangabad		330284	21230	309054	98578.45	20499.58	4426.66	1284.27	26220.51	26.60	
1	Banka	Amarpur	Alluvium / Hard rock	18625	0	18625	4522.94	1058.00	456.57	91.74	1606.91	35.53	Safe
2	Banka	Banka	Alluvium / Hard rock	29952	0	29952	3911.14	900.73	500.08	87.26	1497.07	38.28	Safe
3	Banka	Barahat	Alluvium / Hard rock	14728	0	14728	1915.09	683.26	245.59	46.44	975.29	50.93	Safe
4	Banka	Bausi	Alluvium / Hard rock	31533	8062	23471	3740.21	846.59	304.54	57.56	1208.69	32.32	Safe
5	Banka	Belhar	Alluvium / Hard rock	23658	5890	17768	3714.83	761.81	278.09	51.89	1085.79	29.34	Safe
6	Banka	Chandan	Alluvium / Hard rock	46747	14984	30763	4955.74	83.71	272.66	17.81	374.18	7.55	Safe
7	Banka	Dhurayia	Alluvium / Hard rock	23414	0	23414	5255.24	1165.61	394.68	78.01	1638.30	31.17	Safe
8	Banka	Katoria	Alluvium / Hard rock	56057	0	56057	6116.34	1555.17	507.25	93.12	1955.54	31.97	Safe
9	Banka	Phulidumar	Alluvium / Hard rock	20504	5718	14786	2412.73	834.22	209.18	52.02	1092.42	45.28	Safe
10	Banka	Rajun	Alluvium / Hard rock	19751	0	19751	5949.77	2930.46	325.28	162.78	3416.52	57.48	Safe
11	Banka	Shambhuganj	Alluvium / Hard rock	17975	0	17975	4341.57	868.36	285.30	63.74	1338.51	30.83	Safe