

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 1737
ANSWERED ON 28.11.2019

CLEANING OF GANGA RIVER

1737. SHRI DUSHYANT SINGH

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the Government had set up a target for cleaning up Ganga river by 70-80% by March 2019 and by 100% by March 2020 and the total untreated sewage dumped into Ganga river;
- (b) if so, the details thereof;
- (c) the list of cities dumping untreated sewage waste into Ganga river with the quantum of untreated sewage dumped daily and annually, city-wise;
- (d) the list of sewage treatment plants coming up under National Mission for Clean Ganga (NMCG) for cities on Ganga river with sewage treatment capacity and estimated date for commencement of the sewage treatment plants;
- (e) whether these plants are likely to be commenced before March 2020;
- (f) if not, the details/plans for cleaning up Ganga river fully by March 2020; and
- (g) the details of forestry interventions for Ganga river executed as per the DPR prepared by the Forest Research Institute from 2016 and the targets set by the DPR to be achieved by 2021?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI & SOCIAL JUSTICE AND EMPOWERMENT

(SHRI RATTAN LAL KATARIA)

(a) & (b) Cleaning of rivers is a continuous process and the Government of India is supplementing the efforts of the State Governments in addressing the challenges of pollution of river Ganga by providing financial and technical assistance.

Under Namami Gange Programme, diverse set of interventions like pollution abatement activities including sewage, industrial effluent, Solid Waste etc., River Front Management, Aviral Dhara, Rural Sanitation, Afforestation, Biodiversity Conservation, Public Participation etc. have been taken up for cleaning and rejuvenation of river Ganga.

So far, a total of 305 projects have been sanctioned at an estimated cost of Rs. 28,613.75 Crore, out of which 109 projects have been completed and made operational; rest of the projects are at various stages of implementation.

(c) 97 cities/town have been identified along river Ganga which are estimated to discharge 2953 Million Litres per Day (MLD) (Year 2016) in the river as per **Annexure-I**.

(d) to (f) For Ganga stem cities/town, projects have been taken up to create 3308 MLD sewage treatment capacity against the generation of 2953 MLD (Year 2016). The sewage treatment capacity in Ganga main stem towns have now increased from 1305 MLD (Year 2014) to 1954 MLD, excluding 410 MLD sewage treatment through East Kolkata Wetland. Cleaning of rivers is a continuous process; close monitoring and efforts are being made to complete all the sanctioned projects by March 2022, creating required sewage treatment capacity.

(g) As per Detailed Progress Report (DPR) prepared by Forest Research Institute (FRI), Dehradun, an area of 1,34,106 hectares is to be brought under plantation in the five Ganga States Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal by December 2020. The DPR prescribed 43 numbers of models under four major heads namely Natural landscape, Agricultural landscape, Urban landscape and Conservation intervention.

Since the launch of Namami Gange Programme an area of 30,761 hectares has been planted/being planted during the period 2016-20.

ANNEXURE

Annexure referred to in reply to part (c) of Unstarred Question No. 1737 to be answered in Lok Sabha on 28.11.2019 regarding "Cleaning of Gnaga River".

S. No.	Town Name	Population Projected		Sewage Generation (MLD)
		2016	2035	2016
UTTARAKHAND				
1	Gangotri	4642	12104	0.5
2	Badrinath	16100	21782	1.7
3	Uttarkashi (Budkot)	22051	28780	2.4
4	Joshimath	22696	36338	2.5
5	Chamoli-Gopeshwar	27835	31745	3.0
6	Nandprayag	2096	2400	0.2
7	Karnaprayag	9607	12424	1.0
8	Gaucher	11849	17029	1.3
9	Rudraprayag	14623	38795	1.6
10	Srinagar	23953	29921	2.6
11	Kirtinagar	1951	3091	0.2
12	Devprayag	4196	4677	0.5
13	Tapovan	0	0	0.0
14	Muni kiReti	18011	27744	1.9
15	Rishikesh	135415	181189	14.6
16	Haridwar	468070	680391	50.6
	Sub-Total (UK)	783095	1128410	84.6
UTTAR PRADESH				
17	Bijnor	102200	136000	11.0
18	Hastinapur	29500	40700	3.2
19	Garhmukteshwar	54600	86800	5.9
20	Anoopsahar	31840	44893	3.4
21	Babrara	20246	28010	2.2
22	Narora	24953	31720	2.7
23	Farrukhabad	306600	420600	33.1
24	Kannauj	90878	119040	9.8
25	Bithoor	12208	15111	1.3
26	Shuklaganj/ Gangaghat	91691	108170	9.9
27	Kanpur	3126497	3806650	375.2
28	Allahabad	1563759	1949735	187.7
29	Jhunsi	38790	57369	4.2
30	Mirzapur	248452	307468	26.8
31	Chunar	39000	45900	4.2
32	Ramnagar	54600	75400	5.9
33	Varanasi	1964775	2585964	235.8
34	Mughalsarai	139643	175941	15.1
35	Saidpur	25834	31518	2.8
36	Ghazipur	144893	187615	15.6
37	Ballia	108300	122700	11.7
	Sub-Total (UP)	8219259	10377304	967.5

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S. No.	Town Name	Population Projected		Sewage Generation (MLD)
		2016	2035	2016
BIHAR				
38	Buxar	111029	148776	12.0
39	Chapra	214748	267273	23.2
40	Danapur	241277	381421	26.1
41	Patna	1813823	2384566	217.7
42	Sonepur	40215	46658	4.3
43	Hajipur	163500	223400	17.7
44	Fatuah	57166	85452	6.2
45	Bhaktiyarpur	55924	91953	6.0
46	Barh	66067	85959	7.1
47	Barauni	75379	89509	8.1
48	Mokameh	63929	75199	6.9
49	Barahiya	45145	54733	4.9
50	Begusarai	199696	307143	21.6
51	Jamalpur	110816	128565	12.0
52	Munger	226100	274600	24.4
53	Sultanganj	62374	90531	6.7
54	Bhagalpur	431800	551800	46.6
55	Kahelgaon	38459	61126	4.2
	Sub-Total (B)	4017447	5348664	455.7
JHARKHAND				
56	Sahibganj	93601	115126	10.1
57	Rajmahal	25100	34700	2.7
	Sub-Total (JH)	118701	149826	13
WEST BENGAL				
58	Dhuliyani	107905	170225	11.7
59	Jangipur	104610	133320	11.3
60	Jiyaganj/ Azimganj	65413	77816	7.1
61	Murshidabad	52187	69370	5.6
62	Behrampur	218600	307100	23.6
63	Katwa	87122	108048	9.4
64	Nabadwip	131314	153241	14.2
65	Gayespur	63128	78821	6.8
66	Shantipur	161249	199411	17.4
67	Chakdah	100794	116416	10.9
68	Kalyani	110301	148041	11.9
69	Bansberia	119547	130405	12.9
70	Kanchrapara	131935	153107	14.2
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S. No.	Town Name	Population Projected		Sewage Generation (MLD)
		2016	2035	2016
71	Halishahar	143857	157012	15.5
72	Naihati	238665	275730	25.8
73	Hugli- Chinsurah	188708	213222	20.4
74	Chandan Nagar	192060	224180	20.7
75	Bhatpara	447640	535107	48.3
76	Bhadreshwar	117288	136904	12.7
77	Garulia	94593	113556	10.2
78	Champadani	118496	131893	12.8
79	Baidyabati	141502	169684	15.3
80	Barrackpore	161006	186440	17.4
81	Serampore	209882	247335	22.7
82	Titagarh	126268	141195	13.6
83	Rishra	145867	167826	15.8
84	Konnagar	84465	99008	9.1
85	Khardhah	119946	131597	13.0
86	Panihati	403517	495975	43.6
87	Kamarhati	368031	411309	39.7
88	Uttarpara	168895	200431	18.2
89	Bally	312143	380935	33.7
90	Baranagar	256501	282855	27.7
91	Howrah	1130696	1334453	135.7
92	Kolkata	5479680	5797080	580.8
93	Uluberia	276395	332512	29.9
94	Maheshtala	485104	624895	52.4
95	Budge-Budge	80558	94694	8.7
96	Diamond Harbour	53362	65515	5.8
97	Haldia	235919	331110	25.5
	Sub-Total (WB)	13235149	15127774	1432
	Total	26373651	32131978	2953
