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संयुक्त सचिव
Satyabrata Sahu, I.A.S.
Joint Secretary



भारत सरकार
पेयजल एवं स्वच्छता मंत्रालय
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Ministry of Drinking Water and Sanitation
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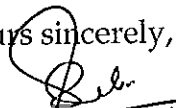
Dear Madam/Sir,

The National Rural Drinking Water Programme (NRDWP) Guidelines, follows physio-chemical and bacteriological limits prescribed by Bureau of Indian Standards (BIS) laid down IS 10500 - 2012 for safe drinking water. As per this standard, the desirable limit for arsenic in drinking water was 0.01 mg/litre and the permissible limit is 0.05 mg/litre. BIS has reduced the permissible limit of arsenic in drinking water from 0.05 mg/litre to 0.01 mg/litre through an Amendment issued in June 2015. According to Amendment total arsenic affected habitations which are yet to be provided safe drinking water will increase from 1,724 to 14,755 as per laboratory data (Ministry>IMIS>Form No F-18). However all the states are requested to check the laboratory testing data of 2015-16 as many erroneous values have been observed. Since the permissible limit in respect of arsenic has been reduced to 0.01mg/L precision of instrumentation in the water quality testing laboratories should also having matching accuracy.

2. Secondly, permissible limit for iron in drinking water was increased to 1.0mg/litre from 0.3mg/litre vide the same amendment mentioned above. Accordingly the total iron affected habitations which are yet to be provided safe drinking water will decrease from 35,683 to 20,862 as per the laboratory data provide by the States in IMIS of the Ministry. Changes in Arsenic and Iron affected habitations due to Amendment in BIS 10500:2012 (June 2015) is enclosed (Annexure-I).

With regards,

Yours sincerely,


(Satyabrata Sahu) 26/10/16

To,

Principal Secretary / Secretary of Rural Water Supply Department of States of Andra Pradesh, Arunachal Pradesh, Assam, Bihar, Chattisgarh, Gujarat, Haryana, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Meghalaya, Nagaland, Odisha, Punjab, Rajasthan, Tamil Nadu, Telangana, Tripura, Uttar Pradesh, Uttarkhand and West Bengal.

ग्रामीण क्षेत्रों में
पेयजल स्थायित्व एवं सम्पूर्ण स्वच्छता

Sustainable Drinking Water and
Sanitation for all in Rural Areas

Annexure-I

Changes in Arsenic and Iron affected habitations due to Amendment in BIS 10500:2012 (June 2015)

S. No.	State	Nos. Arsenic Habitations (as on 18.8.16)			Nos. Iron Habitations (as on 19.10.16)		
		> 0.05 mg/L	> 0.01 mg/L (as per lab. testing)	Increase	> 0.3 mg/L	> 1.0 mg/L (as per lab testing)	Decrease
A	B	C	D	E	F	G	H
1	ANDAMAN and NICOBAR	-	-	-	-	-	-
2	ANDHRA PRADESH	-	-	-	4	-	4
3	ARUNACHAL PRADESH	-	343	343	57	49	8
4	ASSAM	284	3,726	3,442	8,347	6,354	1,993
5	BIHAR	102	1,077	975	4,205	2,610	1,595
6	CHANDIGARH	-	-	-	-	-	-
7	CHATTISGARH	-	-	-	1,044	774	270
8	DADRA & NAGAR HAVELI	-	-	-	-	-	-
9	DAMAN & DIU	-	-	-	-	-	-
10	GOA	-	-	-	-	-	-
11	GUJARAT	-	-	-	-	-	-
12	HARYANA	-	45	45	1	-	1
13	HIMACHAL PRADESH	-	157	157	-	-	-
14	JAMMU AND KASHMIR	-	7	7	5	4	1
15	JHARKHAND	119	130	11	5,520	2,076	3,444
16	KARNATAKA	4	21	17	350	102	248
17	KERALA	-	3	3	443	223	220
18	LAKSHADWEEP	-	-	-	-	-	-
19	MADHYA PRADESH	-	418	418	32	5	27
20	MAHARASHTRA	-	1	1	36	21	15
21	MANIPUR	-	-	-	-	-	-
22	MEGHALAYA	-	1	1	10	10	-
23	MIZORAM	-	-	-	-	-	-
24	NAGALAND	-	-	-	43	43	-
25	ODISHA	-	2	2	2,503	1,650	853

26	PUDUCHERRY	-	-	-	-	-	-
27	PUNJAB	206	492	286	983	240	743
28	RAJASTHAN	1	3	2	12	6	6
29	SIKKIM	-	-	-	-	-	-
30	TAMIL NADU	-	-	-	300	204	96
31	TELANGANA	-	-	-	94	38	56
32	TRIPURA	-	1	1	3,982	2,628	1,354
33	UTTAR PRADESH	57	262	205	21	1	20
34	UTTARAKHAND	-	-	-	15	15	-
35	WEST BENGAL	951	8,066	7,115	7,676	3,809	3,867
	Total	1,724	14,755	13,031	35,683	20,862	14,821

However the Number of habitations shown above is subject to verification, if felt necessary.