

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केंद्रीय जल आयोग
नदी प्रबन्ध समन्वय निदेशालय



Government of India
Ministry of Jal Shakti
Dept. of Water Resources, RD&GR
Central Water Commission
River Management Co-ord. Dte.

Date : 25/10/2022

To

Shri Harihara Roopan,
4020, TNHB, Villupuram, Madurai,
Tamil Nadu, PIN-625011.

Sub : RTI application under Right to information Act, 2005.
Sir,

Please refer to your online RTI application Registration No CWCND/R/T/22/00173, dated 10.10.2022, which has been received in this office on **11.10.2022** vide letter no. A-49012/8/2022/RTI/419, dated 11.10.2022, of the Under Secretary & Nodal Officer, RTI Cell, CWC, to provide the information sought under RTI Act, 2005 to the applicant.

In this regard, it is to state that the available information in respect to your RTI application received from the custodian of the information sought i.e. River Data Compilation-II Directorate under Planning and Development Organization, RM wing (HQ), CWC is enclosed herewith in 08 pages.

In case, you are not satisfied with the provided information, you may file 1st Appeal to the First Appellate Authority within 30 days of receipt of this letter under RTI Act 2005, whose particulars are as below:

The Director (RMCD) & First Appellate Authority, River Management Wing (HQ), Central Water Commission, 2nd floor (South), Sewa Bhawan, R.K.Puram, New Delhi-110066, Phone No.011-29583211.

Encl : As above (08 pages)

Yours faithfully

Signed by Velaga Kumari

Date: 25/10/2022 16:15:01

Deputy Director & C-10

Copy for information to :

The Under Secretary & Nodal Officer, RTI Cell, 4th Floor(S), CWC, New Delhi.

द्वितीय तल(दक्षिण), सेवा भवन
राम कृष्ण पुरम, नई दिल्ली-66
दूरभाष: 011-29583211,
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♣ जल संरक्षण सुरक्षित भविष्य ♣



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♣ Conserve Water- Save Life ♣

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नदी आंकड़ा संकलन निदेशालय-2



Government of India
Ministry of Jal Shakti
Dept. of Water Resources, RD&GR
Central Water Commission
River Data Compilation-2 Directorate

सेवा मे

निदेशक

River Management Co-ord. Dte.
CWC, New Delhi.

विषय : RTI application under RTI Act, 2005 of Shri Harihara Roopan, Tamil Nadu- reg.
संदर्भ: Letter No. I-12011/120/2021-RMC Dte, Dt:11.10.2022

महोदय,

With respect to letter referred above, the information sought as per online RTI application Registration No CWCND/R/T/22/00173, dated 10.10.2022 of Shri Harihara Roopan, Tamil Nadu has been reproduced below:

Questions:

1. What is the current permitted borewell depth limit for private sectors?
2. What was the maintenance cost provided for Ganga Pollution Control Unit during 2018? And what was the change seen as a result of maintenance?
3. What is the total number of monitoring stations setup for the assessment of water quality standards of River Ganga?
4. List out the sensors that are currently used in monitoring stations to assess the information Sought: water quality of River Ganga?
5. What are the parameters measured for assessing the water quality of River Ganga?
6. How many reservoirs are listed with Central Water Commission in India during 2015?
7. What is the eligibility criteria to become Chairman of Central Ground Water Board?

Material for reply:

- **Question no.1, 2, 6, 7:** No information available as it does not pertain to this office.
- **Question No. 3:** There are 35 water quality monitoring stations of CWC in the main stem of river Ganga. The details of the same can be seen at Annexure 1.
- **Question No. 4:** At present, CWC does not use any sensors at monitoring stations for the real-time assessment of water quality.
- **Question No. 5:** The details of parameters analyzed can be seen at Annexure 2.

In general, CWC Water Quality Monitoring activities are detailed on its website i.e. cwc.gov.in and applicant may be advised to visit the same.

This issues with the approval of Chief Engineer (P&DO), CWC.

भवदीय

Signed by Pankaj Kumar
Sharma

Date: 21-10-2022 11:15:15

Reason: Approved

पंकज कुमार शर्मा
निदेशक, RDC-II

प्रतिलिपि सूचनार्थः

1. PS to CE(P&DO), CWC

प्रथम तल, विंग 7, वेस्ट ब्लॉक -2

आर.के.पुरम, नई दिल्ली-११००६६

दूरभाषः:011-29583483

ई मेल:rdc2dte-cwc@nic.in

♣ जल संरक्षण-सुरक्षित भविष्य ♣



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Central Water Commission
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Annexure 1

Water Quality Stations of CWC in river Ganga main stem

Sl. No	Site	State	District	Site Type	Date of Start (water Quality monitoring)	Latitude	Longitude
1	Deoprayag(G)	Uttarakhand	Pauri Garhwal	GDSQ	09-11-74	30.1414	78.5969
2	Rishikesh U/S	Uttarakhand	Dehradun	WQSS	01-01-19	30.1264	78.3294
3	Rishikesh	Uttarakhand	Dehradun	GDSQ	20.10.1971	30.1008	78.3039
4	Rishikesh D/S	Uttarakhand	Dehradun	WQSS	01-01-19	30.0758	78.2869
5	Haridwar Chandi Bridge	Uttarakhand	Haridwar	GDSQ	01.06.2014	29.9756	78.1875
6	Haridwar U/S	Uttarakhand	Haridwar	WQSS	01-01-19	29.9675	78.1764
7	Haridwar D/S	Uttarakhand	Haridwar	WQSS	01-01-19	29.9628	78.1731
8	Basantpur	Uttar Pradesh	Bijnaur	GDSQ	4/1/2019	29.1030	78.0987
9	Garhmukteshwar	Uttar Pradesh	Ghaziabad	GDSQ	01/12/1980	28.7667	78.1417
10	Kachlabridge	Uttar Pradesh	Badaun	GDSQ	01/11/1980	27.9319	78.8625
11	Fatehgarh	Uttar Pradesh	Farukhabad	GDSQ	01/12/1980	27.4042	79.6250
12	Hathi Khana	Uttar Pradesh	Fatehgarh	WQSS	01.04.2019	27.3479	79.6436
13	Katri Umrauli	Uttar Pradesh	Kannauj	WQSS	01.04.2019	27.1506	79.8839
14	Kannauj	Uttar Pradesh	Kannauj	WQSS	01.04.2019	27.0127	79.9841
15	Mehandipur	Uttar Pradesh	Kannauj	WQSS	01.04.2019	27.0101	79.9855
16	Ankinghat	Uttar Pradesh	Kanpur Nagar	GDSQ	14/02/1974	26.9347	80.0361
17	Bhitoor	Uttar Pradesh	Kanpur	WQSS	01.04.2019	26.6169	80.2756
18	Parmatt Ghat	Uttar Pradesh	Kanpur	WQSS	01.04.2019	26.4872	80.3445
19	Kanpur	Uttar Pradesh	Kanpur Nagar	GDSQ	15/09/1970	26.4722	80.3787
20	Jajmau	Uttar Pradesh	Kanpur	WQSS	01.04.2019	26.4094	80.4438
21	Bhitora	Uttar Pradesh	Fatehpur	GDSQ	01/06/1976	26.0431	80.8542
22	Shahzadpur	Uttar Pradesh	Kaushambi	GDSQ	01-12-80	25.6667	81.4250
23	Shastri Bridge	Uttar Pradesh	Prayagraj	WQSS	01.01.2019	25.4366	81.8892
24	Allahabad	Uttar Pradesh	Allahabad	GDSQ	01/01/1972	25.4025	81.9106
25	Mirzapur	Uttar Pradesh	Mirzapur	GDSQ	31/05/1976	25.1544	82.5294
26	V.S. Bridge	Uttar Pradesh	Varanasi	WQSS	01.01.2019	25.2552	83.0254
27	Varanasi	Uttar Pradesh	Varanasi	GDSQ	17/08/1963	25.3258	83.0361
28	Baluaghat	Uttar Pradesh	Varanasi	WQSS	01.01.2019	25.4208	83.1837
29	Saidpur	Uttar Pradesh	Ghazipur	GDSQ	01/08/2019	25.5339	83.2211
30	Ghazipur	Uttar Pradesh	Ghazipur	WQSS	01.01.2019	25.5855	83.6067
31	Buxar	Bihar	Buxar	GDSQ	02/07/1966	25.5800	83.9722
32	Gandhighat	Bihar	Patna	GDSQ	11/05/1967	25.6233	85.1711
33	Hathidah	Bihar	Patna	GDSQ	16/07/1963	25.3686	85.9886
34	Azmabad	Bihar	Bhagalpur	GDSQ	16/07/1963	25.3333	87.2542
35	C.S-97 A, Farakka	West bengal	Murshidabad	GDSQ	31/08/1964	24.7908	87.9367

Water Quality Monitoring Network in CWC

At present, CWC follows a three-tier laboratory system which consists of Level I, II and III types of laboratories for providing analytical facilities for the analysis of river water samples collected from water quality monitoring stations covering all the important river basins of India.

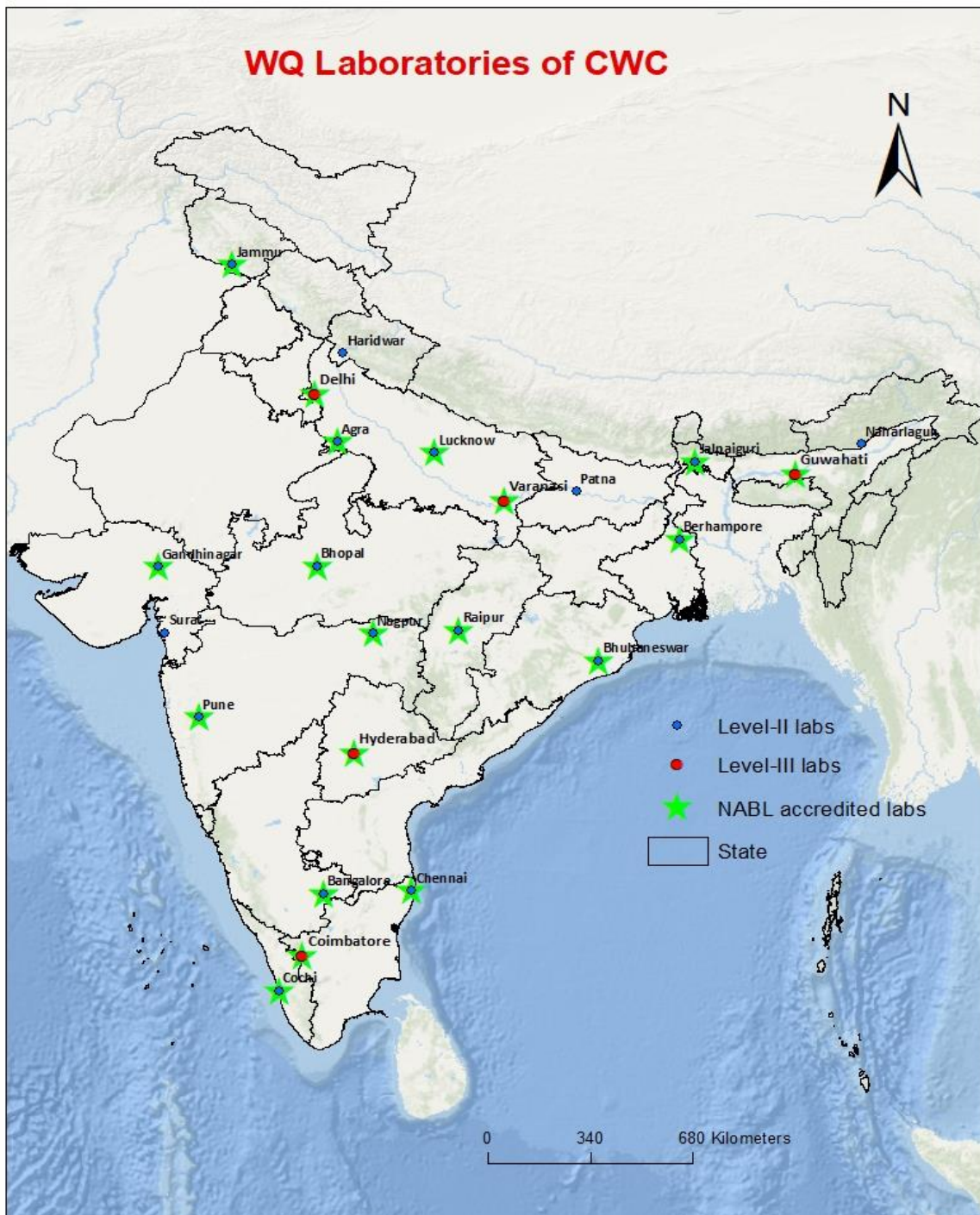
The three-tier laboratory system consists of:

1. **Level-I Laboratories:** There are 378 level-I laboratories located at field water quality monitoring stations on various rivers of India for monitoring of 6 in-situ parameters (Colour, Odour, Temperature pH, Electrical Conductivity and Dissolved Oxygen).
2. **Level-II Laboratories:** There are 18 level-II laboratories located at division offices to analyse 25 physico-chemical and bacteriological parameters of river water.
3. **Level-III Laboratories:** There are 5 regional level-III laboratories for analysis of 41 parameters including trace & toxic metals and pesticides.

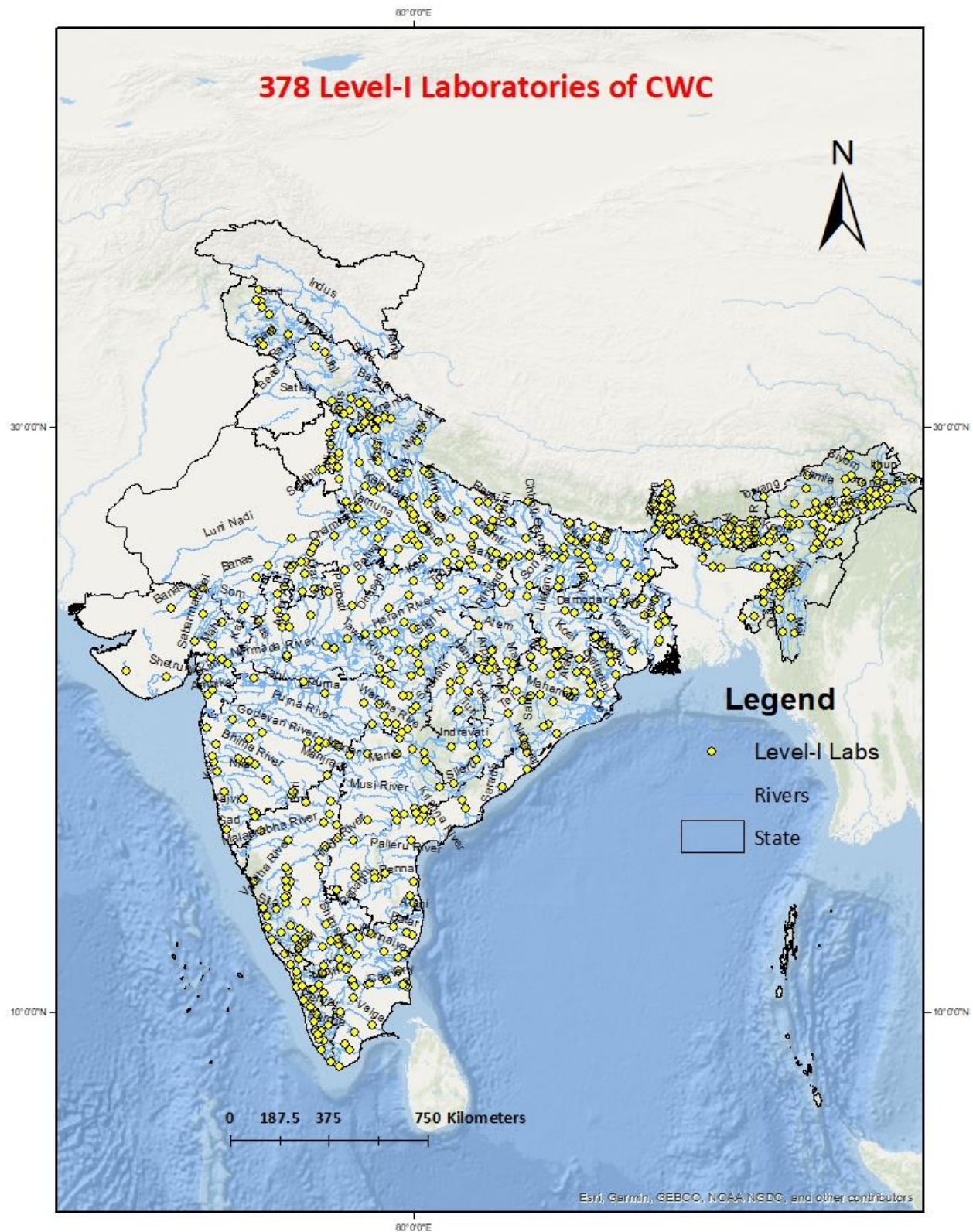
A list of parameters analysed at each level(I/II/III) is given at **Table 1**.

Table 1: List of Water Quality Parameters

Sl. No.	Level-I	Level-II	Level-III
1	Temperature	Temperature	Temperature
2	Colour	pH	pH
3	Odour	Electrical Conductivity	Electrical Conductivity
4	pH	Dissolved Oxygen (DO)	Dissolved Oxygen (DO)
5	Electrical Conductivity	Turbidity	Turbidity
6	Dissolved Oxygen (DO)	Biochemical Oxygen Demand (BOD)	Biochemical Oxygen Demand (BOD)
7		Chemical Oxygen Demand (COD)	Chemical Oxygen Demand (COD)
8		Total Dissolved Solids (TDS)	Total Dissolved Solids (TDS)
9		Sodium	Sodium
10		Calcium	Calcium
11		Magnesium	Magnesium
12		Potassium	Potassium
13		Carbonate	Carbonate
14		Bicarbonate	Bicarbonate
15		Chloride	Chloride
16		Sulphate	Sulphate
17		Fluoride	Fluoride
18		Boron	Boron
19		Ammoniacal Nitrogen	Ammoniacal Nitrogen
20		Nitrate	Nitrate
21		Nitrite	Nitrite
22		Phosphate	Phosphate
23		Silicate	Silicate
24		Total Coliform	Total Coliform
25		Fecal Coliform	Fecal Coliform
26			Arsenic
27			Cadmium
28			Chromium
29			Copper
30			Iron
31			Lead
32			Nickel
33			Mercury
34			Zinc
35			Alpha Benzenehexachloride(BHC), Beta BHC, Gama BHC (Lindane)
36			OP-Dichlorodiphenyltrichloroethane (OP DDT), PP-DDT
37			Alpha Endosulphan, Beta Endosulphan
38			Aldrin, Dieldrin
39			Carbaryl (Carbamate)
40			Malathion, Methyl Parathion
41			Anilophos, Chloropyriphos



Level II/III Water quality Labs of CWC



Level I Water quality Labs of CWC (as on 01.01.2021)