



# KERALA WATER AUTHORITY

Jalabhavan  
Thiruvananthapuram – 695033  
Kerala – India

## PROCEEDINGS OF THE MANAGING DIRECTOR, KERALA WATER AUTHORITY

### THIRUVANANTHAPURAM

**PRESENT : Sri.Venkatesapathy S. IAS**

Sub:- Approved rates for testing Water Quality in Kerala Water Authority Labs - Orders issued - Reg.

No: 7328/AE TO TM/2020/KWA

Dated: 19.01.2023

- Read:-
1. Proceedings No.7328/AE TO TM/2020/KWA dated 17.03.2021 of the Managing Director
  2. Lr. No. SRI/NTR/DB-1557/09/Testing Fees dated 09-12-2022 of the Director, SRI.
  3. Minutes of the Technical Committee dated 12-12-2022.
  4. Resolution No.11274 of the 430th Meeting of KWA held on 15-12-2022.

Quality Control Wing is carrying out the surveillance and monitoring of drinking water supplied by KWA schemes. Besides, the water samples received from private parties are also tested in the District labs of KWA. The current rates for testing are based on the *Proceedings* No.7328/AE TO TM/2020/KWA dated 17.03.2021 of the Managing Director. At present 82 labs of Kerala Water Authority have got NABL accreditation and the self sustainability of these labs through private samples have to be given priority. Also the flexibility in the current quality testing packages can bring in more consumers and increased revenue. Thus NABL accredited labs will become cost effective for all the consumers. This has necessitated rate revision to ensure financial viability for the Authority to continue its water quality testing services as per the stipulated standards and in a customer friendly manner.

As per reference 2 cited, the Director, SRI submitted a proposal including individual parameter testing rates and a detailed package wise proposal for revision of Water Quality Testing rate under various Quality Control labs of KWA. This proposal was discussed in the Technical Committee met on 12-12-2022. After detailed discussion on financial/social/political aspects of the rate change and comparison of rates with that of prevailing rates in Government Labs, the committee had decided to place the proposal



before the KWA board for consideration and approval.

The 430<sup>th</sup> Meeting of the KWA Board discussed the agenda in detail and vide ref.(4) resolved to accord sanction for the revision of rates for water quality testing under Kerala Water Authority as per the rates and other recommendations of the Committee.

Accordingly the modifications and rates as per the following tables for testing of various parameters of water quality under Kerala Water Authority Labs is approved with effect from date of this order. This will be subject to the government sanctions.

1. Packages for Domestic Category

- i) Individual Parameters
- ii) Package I -Microbiological parameters
- iii) Package II- Full package

2. Package for Commercial Category

- i) Individual parameters
- ii) Package I - Microbiological Parameters.
- iii) Package II –Full package.
- iv) Package III- For Sub district lab.
- v) Package IV-Special package for commercial license.
- vi) Package V- General package.

3. An additional fixed charge of Rs.100/- along with the individual parameter testing rate shall be collected for testing of individual parameters up to 3 nos.

4. Samples from Government /aided schools to be considered as domestic category.



APPROVED RATES FOR TESTING OF INDIVIDUAL PARAMETERS				
Sl.No	Parameters	Individual Rate (Domestic samples) Rs.	Individual Rate (Commercial samples) Rs	Remarks
1	pH	65	130	Sample preparation additional charge of Rs.100/- when selected only up to 3 parameters.
2	Turbidity	80	160	
3	Colour	175	350	
4	Conductivity	55	110	
5	Acidity	170	340	
6	Alkalinity	85	170	
7	Sulphate	175	350	
8	TDS	50	100	
9	Total Hardness	140	280	
10	Calcium	140	280	
11	Magnesium	55	110	
12	Chloride	80	160	
13	Fluoride	165	330	
14	Iron	185	370	
15	Nitrate	170	340	
16	Residual Chlorine	105	210	
17	Odour	50	100	
18	Total suspended solids(TSS)	100	200	
19	DO ( only testing charge, cost for fixing of sample not included)	250	500	
20	BOD ( only testing charge ,cost for fixing of sample not included)	250	500	
21	COD	200	400	
22	Phosphate	200	400	
23	Aluminium	160	320	
24	Ammonia	150	300	



Packages for Domestic Purpose				
Sl.No	Parameters	Package		Remarks
		Package I	Full package	
1	pH		√	
2	Turbidity		√	
3	Colour		√	
4	Conductivity		√	
5	Acidity		√	
6	Alkalinity		√	
7	Sulphate		√	
8	TDS		√	
9	Total Hardness		√	
10	Calcium		√	
11	Magnesium		√	
12	Chloride		√	
13	Fluoride		√	
14	Iron		√	
15	Nitrate		√	
16	Residual Chlorine		√	
17	Total Coliform	√	√	
18	E-coli	√	√	
19	odour		√	
<b>APPROVED RATE</b>		<b>500</b>	<b>850</b>	



Packages for Commercial Purpose								
Sl.No	Parameters	Cost Rs	Packages					Remarks
			Package I	Package II	Package III	Package IV(Special package)	Package V	
1	pH	65		√	√	√	√	
2	Turbidity	80		√	√	√	√	
3	odour	50		√	√			
4	Colour	175		√	√			
5	Conductivity	55		√		√		
6	Acidity	170		√				
7	Alkalinity	85		√	√		√	
8	Sulphate	175		√			√	
9	TDS	50		√	√		√	
10	Total Hardness	140		√	√	√	√	
11	Calcium	140		√	√			
12	Magnesium	55		√	√			
13	Chloride	80		√	√	√	√	
14	Fluoride	165		√			√	
15	Iron	185		√		√	√	
16	Nitrate	170		√		√	√	
17	Residual chlorine	105		√			√	
18	Total Coliform	250	√			√		
19	E-coli	250	√			√		
	No of parameters		2	17	10	9	11	
<b>APPROVED RATE</b>			<b>625</b>	<b>2450</b>	<b>1150</b>	<b>1590</b>	<b>1625</b>	

Sd/-

Venkatesapathy S. IAS

Managing Director



To

The Director,  
State Referral Institute,  
Nettoor, Kochi.

Copy To

1. Chief Engineer (SR/CR/ NR)/ EE,QC Divisions for information and necessary action.
2. PA to MD/ PA to TM/ CA to AM/ CA to CE(P&O)/ Secretary/ FM&CAO for information.
3. DBA for publishing the same in the website.

