

'ജലം ജീവാതൃതം'



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KERALA WATER AUTHORITY

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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: 17.03.2021

- Read:-
1. Proceedings No.CE/IPD/QM/1166/2000 dated 01/07/2000 of the Chief Engineer, IPD.
 2. Lr.No.SRI/NTR/DB-1557/09 dated 07-08-2020 of the Director, SRI.
 3. Minutes of the Technical Committee dated 15-10-2020.
 4. Minutes of the Technical Committee dated 10-02-2021.
 5. Resolution No.11144 of the 419th Meeting of KWA held on 23-02-2021.

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 the testing are based on the *Proceedings No. CE/IPD/QM/1166/2000 dated 01/07/2000 of the Chief Engineer, IPD*. These rates are below the actual expenditure towards labour, chemical, equipment, power charges etc. incurred per sample testing as there has been considerable increase in the cost of chemicals, equipment and establishment charges during the past two decades.

Also, most of the district laboratories are now moving for NABL accreditation. The NABL accreditation warrants maintaining stringent quality criteria's in lab maintenance & analysis and therefore the cost of resources and maintenance charges of NABL lab is much higher than the ordinary labs. 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.

The Director, SRI submitted a detailed package wise proposal for revision of Water Quality Testing rate under various Quality Control District labs of KWA vide ref.(2). In the proposal, testing fee



for two types of laboratories, viz. accredited and non accredited were separately worked out. To be more customer friendly, options for packages with various combinations of parameters were suggested. Also a few individual parameter options were provided.

The proposal was discussed in Technical Committee's which met on 15-10-2020 and 10-02-2021. After detailed discussion on financial/social/political aspects of the rate change and comparison of rates with that of prevailing rates at Government Labs, the committee decided to place the proposed rates before the KWA board for consideration and approval.

The 419th Meeting of the KWA Board discussed the agenda in detail and vide ref.(5) resolved to accord sanction for the revision of rates for water quality testing except for domestic purpose under Kerala Water Authority as per the rates recommended by the Committee. And the domestic rates shall continue the same till further decision.

Accordingly orders are herewith issued approving the rates as per the following table for testing of various parameters of water quality under Kerala Water Authority Labs.

APPROVED RATES FOR TESTING WATER QUALITY PARAMETERS							
Package	Description	No.of Tests	Parameters	Present Rate	Approved Rates		
					Domestic Purpose for both Accredited and Non-accredited Labs	Commercial/ License Purpose	
						Non-Accredited	Accredited
Package 1	Physical Parameters	4	pH, Colour, Turbidity, EC/TDS	250	250	370	650
Package 2	Chemical Parameters	7	Alkalinity, Total Hardness, Sulphate, Chloride, Fluoride, Iron, Nitrate	250	250	910	1750
Package 3	Bacteriological Parameters	2	Total Coliform, Ecoli	500	500	600	900
Package 4	Basic Package I	6	pH, Colour, Turbidity, Electrical Conductivity, Iron, Nitrate	-	-	630	1100
Package 5	Basic Package II	8	pH, Turbidity, EC/TDS, Total Hardness, Alkalinity, Iron, Nitrate, Total Coliform	-	-	1230	2000
Package 6	Physio-Chemical Parameters	11	pH, Colour, Turbidity, EC/TDS, Total Hardness, Alkalinity, Iron, Nitrate, Chloride, Fluoride, Sulphate	500	500	1280	2400



Package 7	Full Package	12	pH, Turbidity, TDS, Total Hardness, Alkalinity, Iron, Nitrate, Chloride, Fluoride, Sulphate, Total Coliform, Ecoli	850	850	1750	3300
			Fluoride	-	-	220	330
			Ca, Mg	-	-	180	340
			RC	-	-	70	180
			Iron, Nitrate	-	-	260	700

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.

