


BACTERIOLOGICAL ANALYSIS

No : 556/20-21

Date : 29 Mar 2021

SL. No	Source	CFU of coliforms in 100ml	CFU of E.Coli
1	Open well (sealed sample)	20	ABSENT


Signature of Bacteriologist


Remarks:

BDL-Below Detected Limit;

ND-Not Done;

TNTC-Too Numerous To Count

NB: The results stated above related only to the sample(s) submitting for testing. This test certificate shall not be reported except in full without the written approval of the Laboratory.


Signature of Asst. Engineer





KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
MALAPPURAM
Report on Analysis of WATER

Test Report No : 556/20-21

Date : 29 Mar 2021

Name : GEMS Public School, 23/90
 Address : c/o Mohammed Ashraf Kooriyad, Vengara
 Ref : Sample brought/send forwarded by JHI, CHC, Vengara
 Date of Collection : 24 Mar 2021
 Date of Testing : 24 Mar 2021

SL No	Characteristics	Units	Desirable limits As per	Permissible limits	Actual Contents
					Sampling Points
					1
1	Odour		Agreeable	Agreeable	AGREEABLE
2	Turbidity	NTU	1	5	0.1
3	pH		6.5-8.5	No relaxation	4.50
4	Electrical Conductivity	µs/cm			120.2
5	Alkalinity	mg/litre	200	600	14.0
6	Sulphate (as SO ₄)	mg/litre	200	400	BDL
7	Total Dissolved Solids (TDS)	mg/litre	500	2000	80.53
8	Total Hardness as (CaCO ₃)	mg/litre	200	800	20.0
9	Calcium (Ca)	mg/litre	75	200	4.01
10	Magnesium (Mg)	mg/litre	30	100	2.43
11	Chloride as (Cl)	mg/litre	250	1000	38.0
12	Fluoride as (F)	mg/litre	1	1.5	BDL
13	Iron (as Fe)	mg/litre	0.3	No relaxation	0.10
14	Nitrate (as NO ₃)	mg/litre	45	No relaxation	27.18
15	Ammonia	mg/litre	0.5	No Relaxation	BDL
16	Appearance				CLEAR

Sampling Points

- Open well (sealed sample)

Signature of Chemist

Chairman & Managing Trustee
 Global Educational & Charitable Trust
 Kooriyad, Thrangudi P.O. Pin-676 308

Principal
 Gems Public School
 KOORİYAD