

OFFICE OF THE ASSISTANT EXECUTIVE ENGINEER
RWS&S.SUB-DIVISION DHENKANAL
Letter No 381 / Date. 12/05/2021

CASE
13/5/2021

To
The Principal
Kendriya Vidyalaya, Dhenkanal.

Sub:- Submission of water testing report .

Ref:- Your Letter No- 150112/1165/2021/105 / Date-06.05.2021 .

Sir ,

With reference to the aforesaid subject, I am to submitting here with the test report of water samples sent by you from Kendriya Vidyalaya Dhenkanal for your kind information and necessary action.



TEST REPORT

Name of parameter	BIS Accepted Limit	BIS Permissible Limit	Method of Testing	K.V.S TAP	R.O
Temperature in *C	-	-	Instrumental Method	31.6	31.8
PH	8.5-8.5	No relaxation	Electrometric Method (APHA-4500 H+)	6.05	6.02
Turbidity in NTU	1.0	5.00	Nephelometric Method (APHA 2nd ED 2130B)	1.53	0.65
Conductivity(uScm)	1000	1000	Instrumental Method	160	140
T.D.S in mg/lit	500	2000	Instrumental Method	104	91
Chloride in mg/lit.	250	1000	Argentometric Method (APHA-4500 Cl-)	24	20
Total Hardness in mg/lit.	200	600	EDTA Titrimetric method (APHA- 2340 C)	44	36
Alkalinity in mg/lit.	200	600	Titrimetric method (APHA 2320B)	40	36
Fluoride in mg/lit.	0.5	1.5	Ion Selective Electrode Method (APHA-4500 F)	0.091	0.072
Total Iron in mg/lit.	1.0	No relaxation	Phenathroline Method (APHA 3500-Fe)	0.28	0.15
Total coli form	Shall not be detected in any/100ml	No relaxation	MPN Method (APHA-9221B)	<1.4	<1.4
Free Residual chlorine	0.2	1	Iodometric Method	0.0	0.0
Colour				Clear with Agreeable	Clear with Agreeable
Odour				Agreeable	Agreeable

07/11/2021
Junior Laboratory Assistant
RWSS.Division Dhenkanal

Your's faithfully
Assistant Executive Engineer
RWSS Sub-Division Dhenkanal

Memo No 382 date 12.05.2021
Copy submitted to Executive Engineer RWS&S Division Dhenkanal, for kind information and necessary action.

Self attested

Assistant Executive Engineer,
RWS&S Sub-Division, Dhenkanal

प्राचार्य/PRINCIPAL
केन्द्रीय विद्यालय/Kendriya Vidyalaya
डेंकानाल/Dhenkanal
ओडिशा/Odisha-75015