

OFFICE OF THE EXECUTIVE ENGINEER R.W.S & S DIVISION, GAJAPATI
PARALAKHEMUNDI ODISHA

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Letter No:- 804

Date: 22.04.2024

To,

The Principle, KMRS School,
Mahendragada, Gajapati.

Sub:- Submission of Test report of your School.

Sir,

With reference to the above cited subject, I am submitting herewith the test report of 01 no. of water sample of your School.

This is for information and necessary action.

Encl- Test report

Yours Faithfully,

Executive Engineer, RWS&S

22.04.24

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, GAJAPATI

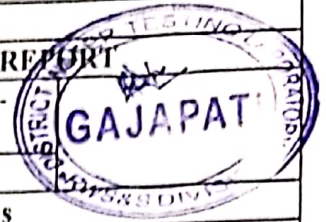
E-Mail- distlabgjp@gmail.com



WATER ANALYSIS REPORT

TEST REPORT NO(R)- DWTLG-TR-
52/2024-S-01

DATE OF ISSUE - 22-04-2024



Sample Particulars		Sample Details	
Name of the of Customer	Principle KMRS, Mahendragada.	Type of Source	Ground Water
		Date of Sample Collection	19-04-2024
		Date of Receipt of Sample	19-04-2024
		Reference Letter No. / Date	Through application
Sample Package Condition :		Date of Sample Registration	19-04-2024
a) Quantity of Sample Received -500ml (Each)		Sampling protocol	Samples are not collected by this Laboratory.
b) Type of Container - PP		Sample Collected by	Principle KMRS, Mahendragada.
c) Sealed/unsealed:-Unsealed		Sample Location	KMRS School, Mahendragada

TEST RESULT

Test Started on		19-04-2024		Test Completed on		20-04-2024	
Sl No	Test Parameters	Units	Results		Requirements		Test Method
					Acceptabl e Limit	Permissib le Limit	
1	Temperature	°C	S-1	27.2	-----	-----	APHA 23rd Ed. 2017 : 2550 B (Laboratory and Field Method)
2	pH	pH Unit	S-1	5.96	6.5 - 8.5	No relaxation	APHA 23rd Ed. 2017 : 4500 H ⁺ B (Electrometric Method)
3	Turbidity	NTU	S-1	1.00	1	5	APHA 23rd Ed. 2017 : 2130 B (Nephelometric Method)
4	Electrical Conductivity (EC)	uS/cm	S-1	129.3	-----	-----	APHA 23rd Ed. 2017 : 2510 B (Laboratory Method)
5	Total Dissolved Solids (TDS)	mg/l	S-1	84	500	2000	APHA 23rd Ed. 2017 : 2540 C (Total Dissolved Solids Dried at 180°C)
6	Fluoride (As F)	mg/l	S-1	1.04	1.09	1.5	APHA 23rd Ed. 2017 : F (Ion Selective Electrode method)

7	Iron (as Fe)	mg/l	S-1	0.112	1.0	No relaxation	APHA 23rd Ed. 2017 : 3500-Fe B (Phenanthroline Method)
8	Total Alkalinity (as CaCO ₃)	mg/l	S-1	62	200	600	APHA 23rd Ed.2017 : 2320 B (Titration Method)
9	Chloride (as Cl)	mg/l	S-1	14	250	1000	APHA 23rd Ed. 2017 : 4500 Cl B (Argentometric Method)
10	Total Hardness (as CaCO ₃)	mg/l	S-1	58	200	600	APHA 23rd Ed.2017 : 2340 C (EDTA Titrimetric Method)
11	Calcium (as Ca)	mg/l	S-1	20.04	75	200	APHA 23rd Ed.2017 : 3500-Ca B (EDTA Titrimetric Method)
12	Magnesium (as Mg)	mg/l	S-1	1.94	30	100	APHA 23rd Ed.2017 : 3500 Mg B (Calculation Method)
13	E. Coli (MPN/100ml)	mg/l	S-1	0.00	0	0	MPN Method

#APHA – American Public Health Association

Information on Test Report :

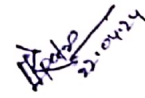
Results relates only to samples received in the Laboratory.


The test report shall not be reproduced except in full without written approval of DWTLG

#APHA – American Public Health Association

Checked & Reviewed by


Technical Manager


Quality Manager
District Water Testing Laboratory
RWS&S Division, Gajapati
Authorised Signatory


Executive Engineer cum CEO
District Water Testing Laboratory
RWS&S Division, Gajapati
Authorised Signatory

*****End of Report*****