



OFFICE OF THE EXECUTIVE ENGINEER
R.W.S&S DIVISION, MALKANGIRI

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Lr. No. 1480 / 2024 (EB-37)

Date: 18/05/2024

To

The Principal,
Ekalavya Model Residential School
Mendukuli, Mathili

Sub: - **Test report of water sample and safe drinking water and sanitary condition certificate**

Ref:- **Your office letter No. 135/2024 Dtd. 22.04.2024 & Letter No. 171/2024 dtd.09.05.2024**

Sir,

With reference to above cited subject , I am enclosing herewith of water quality test report (one No.) and safe drinking water and sanitary condition certificate of EMRS,Mendukuli under Mathili Block for your information and necessary action.

Encl:- As above

Yours faithfully


Superintending Engineer
RWS&S Division, Malkangiri

Jal Jeevan Mission

Har Ghar Jal



District Water Testing Laboratory, RWSS, Malkangiri

District Water Testing Laboratory, RWSS Division, Malkangiri, Near Covid Hospital, Pin- 764045 (Test Address only)

[Print](#)

Test report

Sample ID: U2198169520131320

User Information

Name: THE PRINCIPAL, EMRS, MENDUKULI, MATHILI Mobile: 9437777525

Email: emrsmathili2021@gmail.com Pin Code: 764044

Full Address: Village- Mathili, Gram Panchayat- Mathili, Block- Mathili, District- Malkangiri, State- Odisha

Sample description

Source of Sample: EKALAVYA MODERN RESIDENTIAL SCHOOL MENDUKULI MATHILI Village: Mendukuli

Gram Panchayat: Dalapatiguda Block: Mathili

District: Malkangiri State: Odisha

Address: Remarks: EKALAVYA MODERN RESIDENTIAL SCHOOL MENDUKULI MATHILI

Latitude: 18.584396 Longitude: 82.210613

Date & time of sample collection

15.05.2024 | 10:55:00 AM

Date & time of sample received in lab

16.05.2024 | 07:15:00 AM

Date & time of sample analysed

17.05.2024 | 11:05:00 AM

Date & time of report generation

17.05.2024 | 11:10:22 AM

Test results

Sl. No.	Parameter Name	Units of Measurement	Standard Limit (mg/l)	Permissible Limit (mg/l)	Test Result	Remarks
1	Calcium (as Ca)	mg/l	75	200	64.000	
2	Chloride (as Cl)	mg/l	250	1000	16.000	
3	Colour	Hazen units	5	15	5.000	
4	Conductivity	micromhos per centimeter / microsiemens per centimeter	NA	NA	193.312	
5	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
6	Fluoride (as F)	mg/l	1	1.5	0.040	
7	Free residual Chlorine	mg/l	0.2	1	0.000	
8	Iron (As Fe)	mg/l	1	No Relaxation	0.050	
9	Magnesium (As Mg)	mg/l	30	100	9.720	
10	pH	NA	6.5-8.5	No Relaxation	6.910	
11	TDS	mg/l	500	2000	125.400	
12	Total Alkalinity (as Calcium Carbonate)	mg/l	200	600	180.000	
13	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
14	Total Hardness (As CaCO ₃)	mg/l	200	600	104.000	
15	Turbidity	NTU	1	5	0.150	

Note:

- 1)*Indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report


 Authorised signatory

Saroj Kumar Padhi (Test Lab Incharge)

**District Water Testing Lab,
 RWS&S Division, Malkangiri**

Jal Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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**District Water Testing Laboratory, RWSS,
Malkangiri**

District Water Testing Laboratory, RWSS Division, Malkangiri,
Near Covid Hospital, Pin- 764045



Har Ghar Jal
Jal Jeevan Mission

PAYMENT RECEIPT

Sample id: U2198169S20131320

Candidate name: THE PRINCIPAL, EMRS, MENDUKULI, MATHILI

Contact number: 9437777525

Sample Received Time: 2024/05/16 07:15

Expected Report Delivery Date: 2024/05/18 10:57

Amount

Sr No.	Test name	Amount
1.	Colour	₹ 40.00
2.	Turbidity	₹ 60.00
3.	pH	₹ 60.00
4.	TDS	₹ 60.00
5.	Total Alkalinity (as Calcium Carbonate)	₹ 100.00
6.	Chloride (as Cl)	₹ 100.00
7.	Fluoride (as F)	₹ 120.00
8.	Calcium (as Ca)	₹ 100.00
9.	Magnesium (As Mg)	₹ 200.00
10.	Total Hardness (As CaCO ₃)	₹ 100.00
11.	Iron (As Fe)	₹ 100.00
12.	E. coli	₹ 350.00
13.	Total coliform	₹ 350.00

5/17/24, 11:44 AM

JJM-WQMIS

14	Free residual Chlorine	₹ 100.00
15	Conductivity	₹ 60.00
Total =		₹ 1900.00

Note: This is an auto generated receipt no signature required

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