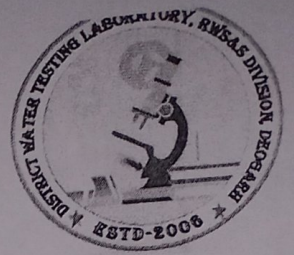




DISTRICT WATER TESTING LABORATORY
RWS&S DIVISION, DEOGARH

At-College Road, Nr. ITI College, Po-Purunagarh, Dist-Deogarh
E-mail-distlabrwsdeogarh@gmail.com



Letter no- 25

Date-17.06.2023

To

The Principal,
Ekalavya Model Residential School,
KALAMATI

Sub:- Test Report of Water Sample.

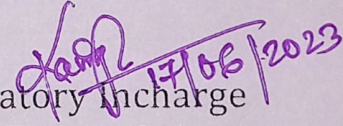
Ref:- Your letter No- 166 / Dt12.06.2023

Sir,

The test report of the water sample sent to this Laboratory for testing of chemical & Bacteriological Parameters Analysis is enclosed herewith for your kind information and necessary action.

Yours faithfully,

Encl:-As above

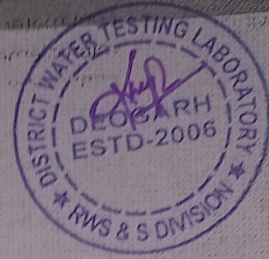

Laboratory Incharge
District Water Testing Laboratory
RWS&S Division, Deogarh

District Water Testing Laboratory RWSS, Deogarh

District Water Testing Laboratory RWS&S Division, Deogarh At- College Road, Near ITI College, PO- Purunagarh (Deogarh) Dist- Deogarh, Pin- 768119 (Test Address only)

Test report

Sample ID: U1673635512709410



User Information

Name: EMRS ,KALAMATI Principal-A.P.Padhy Mobile: 9439136974

Email: emrstilebani@gmail.com Pin Code:

Full Address: Village- Kalamati , Gram Panchayat- Baniakilinda, Block- Tileibani, District- DEOGARH, State- Odisha

Sample description

Source of Sample: Tube well / Bore well / Well Village: Kalamati

Gram Panchayat: Baniakilinda Block: Tileibani

District: DEOGARH State: Odisha

Address: Remarks:

Latitude: Longitude:

Date & time of sample collection: 12.06.2023 | 12:00:00 PM
 Date & time of sample received in lab: 12.06.2023 | 12:05:00 PM
 Date & time of sample analysed: 17.06.2023 | 12:30:00 PM
 Date & time of report generation: 17.06.2023 | 12:30:00 PM

Test results

Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per DIS 10500	Test result value	Remarks
1	Calcium (as Ca)*	mg/l	75	200	63.330	
2	Chloride (as Cl)	mg/l	250	1000	51.000	
3	Colour*	Hazen units	5	15	0.000	
4	Conductivity*	micromhos per centimeter / microsiemens per centimeter	NA	NA	521.000	

Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
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	0.348	
7	Iron (As Fe)*	mg/l	1	No Relaxation	0.001	
8	Magnesium (As Mg)*	mg/l	30	100	36.940	
9	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.000	
10	Odour*	NA	Agreeable	Agreeable	0.000	
11	pH*	NA	6.5-8.5	No Relaxation	7.020	
12	Taste*	NA	Agreeable	Agreeable	0.000	
13	TDS*	mg/l	500	2000	339.000	
14	Temperature*	NA	NA	NA	35.800	
15	Total Alkalinity (as Calcium Carbonate)	mg/l	200	600	288.000	
16	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
17	Total Hardness (As CaCO ₃)*	mg/l	200	600	310.000	
18	Turbidity*	NTU	1	5	0.010	

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

Laxmi Prasad Panigrahi (Test Lab Incharge)

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.

Laboratory Incharge
DWTL DEOGARH