

		TEST REPORT NO. - DWTLB-TR/176/2024/S-1/01 ULR - TC110842400000034F DATE OF ISSUE 18.09.2024			
Sample Particulars		Details of Sampling			
Name of the Customer :- Eklavya Model Residential School (EMRS)-Phase-I, At- Kaptipada, Block-Kaptipada, Mayurbhanj, Odisha.		Type of Source:- Drinking Water		Date of Sampling:- Not Specified	
Sample Package Condition:- a) Quantity of Sample Received - 1000ml b) Type of Container - pp		Sample Registration Date:- 17/09/2024		Sample receive date:- 17/09/2024/ Vide letter No. HSCL/BBSR/SE/EMRS/Kaptipada/ PH-1/2024-36	
		Sampling Protocol:- Samples are not collected by this laboratory		Dated - 05.09.2024	
		Sample Collected by:- Hindustan Steelworks Construction Ltd, Site Engineer/ HSCL/BBSR/EMRS- Kaptipada/Mayurbhanj/Odisha			
		Sample Location:- As per letter under reference(above)			

TEST RESULT					
Test Started on-		17.09.2024		Test Completed on- 18.09.2024	
Sl.	Test Parameters	Units	Results	Requirements	
				Acceptable Limit	Permissible Limit in absence of alternate source
1	Temperature	°C	25 ± 0.5°C for each Sample	-----	Instrumental Method
2	pH	----	6.85	6.5 to 8.5	Electrometric Method (APHA 23 rd Ed 4500-H ⁺ B)
3	Elect Conductivity	µmho/cm	409.0	-----	Laboratory Method (APHA 23 rd Ed 2510 B)
4	Chloride	mg/l	20.0	250	Argentometric Method (APHA 23 rd Ed 4500 - Cl- B)
5	Total Hardness (as CaCO ₃)	mg/l	224.0	200	EDTA Titrimetric Method (APHA 23 rd Ed 2340 C)
6	Total Alkalinity (as CaCO ₃)	mg/l	276.0	200	Titration Method (APHA 23 rd Ed - 2320 B)
7	Iron	mg/l	0.38	1.0	Phenanthroline Method (APHA 23 rd Ed 3500 - Fe B)
8	Turbidity	NTU	0.8	1.0	Nephelometric Method (APHA 23 rd Ed - 2130 B)
9	TDS	mg/l	265.0	500	APHA 23rd Ed - 2540 C (TDS Method (Dried at 180 degree C)

12	Colour	Hazen Unit	3	5	15	Visual Comparison Method (APHA 23rd Ed - 2120 B)
13	Odour		Agreeable	Agreeable	Agreeable	Threshold Odour Test (APHA 23rd Ed 2150 B)

Note :- The samples were tested with dilution.

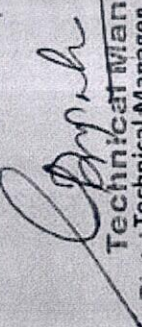
Information on Test Report :

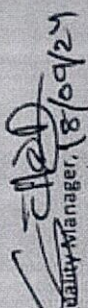
Results relates only to samples received in the Laboratory.

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

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Checked & Reviewed by


Technical Manager
 District Water Testing Laboratory
 RWS & S Division, Baripada, MBJ


Quality Manager
 District Water Testing Laboratory,
 RWS&S Division, Baripada.
 Authorised Signatory
Quality Manager
 District Water Testing Laboratory
 RWS & S Division, Baripada, MBJ

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

Page - 2/2



Sample Particulars

Name of the Customer :-	Eklavya Model Residential School (EMRS)-Phase-I, At-Kaptipada, Block-Kaptipada, Mayurbhanj, Odisha.
Type of Source:-	Surface Water
Date of Sampling:-	Not Specified
Sample receive date:- Vide letter No.	17.09.2024/ Vide letter No. HSCL/BBSR/SE/EMRS/Kaptipada/ PH-I/2024-36
Sample Registration Date:-	Dated - 05.09.2024
Sampling Protocol:-	17.09.2024 Samples are not collected by this laboratory.
Sample Collected by:-	Hindustan Steelworks Construction Ltd., Site Engineer/ HSCL/BBSR/EMRS-
Sample Location:-	Kaptipada/Mayurbhanj/Odisha As per letter under reference(above)

Sample Package Condition:-

- a) Quantity of Sample Received - 1000ml (Each)
b) Type of Container - pp

TEST RESULT

Test Started on-		17.09.2024		Test Completed on-		18.09.2024
Sl.	Test Parameters	Units	Results	Requirements		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	Fluoride (as F ⁻)	mg/l	0.35	1.0	1.5	Ion selective Electrode Method (APHA 23 rd Ed. 4500-F C)
2	Nitrate (NO ₃)	mg/l	2.7	45	No relaxation	Nitrate Electrode Method. (APHA 23 rd Ed 4500-NO ₃ D)
3	Total Coliform	MPN/100ml	0	Shall not be detectable in any 100ml samples	No relaxation	Enzyme Substrate Test Method (APHA 23 rd Ed 9223 -B)
4	E Coli	MPN/100ml	0			

Note :- The samples were tested with dilution.

Information on Test Report :

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Checked & Reviewed by

[Signature]
Technical Manager
18.09.2024

[Signature]
Quality Manager, 18/09/24
District Water Testing Laboratory,
RWS&S Division, Baripada
Authorised Signatory