

कार्यालय सहायक अभियंता,
लोक स्वास्थ्य यांत्रिकी उपखण्ड,
रायपुर (छ.ग.)

क्रमांक210.....जि.प्र.शा./लो.स्वा.या./उपखण्ड रायपुर

दिनांक 03/07/25

✓ प्रति,

Principal
Theresion Academy
Old Dhamtari Road
Boriyakhurd, Raipur (C.G.)

- विषय :- जल नमूनों के परीक्षण रिपोर्ट प्रेषित करने बाबत।
संदर्भ :- आपका पत्र क्रमांक. PHED/2025-26/A107 दिनांक 28.06.2025

उपरोक्त विषयान्तर्गत लेख है कि संदर्भित पत्र के माध्यम से प्राप्त जल नमूने का, जिला जल परीक्षण प्रयोगशाला लोक स्वास्थ्य यांत्रिकी विभाग रायपुर में परीक्षण कर रिपोर्ट आपकी ओर प्रेषित है।

संलग्न :- रिपोर्ट नंबर - 470 एवं बिल नंबर - 460 की एक प्रति।


सहायक अभियंता
लोक स्वास्थ्य यांत्रिकी उपखण्ड
रायपुर (छ.ग.)



जिला जल परीक्षण प्रयोगशाला
लोकस्वास्थ्य यांत्रिकी विभाग रिंगरोड 1, रावणभाठा, रायपुर (छ.ग.)
DISTRICT WATER TESTING LABOARATORY, PHED.
RING ROAD NO.1 RAWANBHANTA RAIPUR (C.G.)
email:- dwltraipur@gmail.com

TEST REPORT (DRINKING WATER)

Report No. DI/Phed/Rpr.: 470	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -: TC130952500000470F	
Senders name & address:- Principal Theresion Academy Old Dhamtari Road Boriyakhurd, Raipur (C.G.)	Senders letter no./Date	A107 / 28.06.2025	Sampled by & Date	Customer -
	DL receipt no.	470	DL Receipt date	01.07.2025
	Date of analysis started	01.07.2025	Date of analysis completed	03.07.2025

SAMPLE DETAILS

S.N.	Sample I.D.	District / Block	City / Village	Habita.	Location/Source ID./GPS Identification
1.	470/2868/07/2025	Raipur	Raipur	-	Water Sample Of, Borewell
2.	470/2869/07/2025	Raipur	Raipur	-	Water Sample Of, R.O.
-	-	-	-	-	-
-	-	-	-	-	-

DETAILS OF PARAMETERS THEIR TEST METHOD UNITS AND SPECIFICATION AS PER IS/APHA

S.N.	Parameters	Test method IS:3025/APHA 24th ed.	Unit	As per IS-10500-2012 drinking water		Result Of S.No.			
				Acceptable Limit	Permissible Limit	1	2	-	-
1	Fluoride	APHA 24 th ed4500-F- C	mg/l.	1.0	1.5	0.384	0.138	-	-
2	Chloride	IS:3025Part- 32	mg/l.	250	1000	58.35	17.80	-	-
3	Alkalinity as CaCO ₃	IS:3025Part-23	mg/l.	200	600	222.52	27.32	-	-
4	Calcium	IS:3025Part-40	mg/l.	75	200	74.36	10.17	-	-
5	Magnesium	APHA24th ed.3500 Mg-B	mg/l.	30	100	20.88	2.84	-	-
6	pH @ 25°C	IS:3025Part-11	PH scale	6.5-8.5	6.5-8.5	7.24	7.99	-	-
7	Turbidity	IS:3025Part-10	NTU	1	5	1.10	1.30	-	-
8	Total Hardness as CaCO ₃	IS:3025Part-21	mg/l.	200	600	271.46	37.10	-	-
9	Spe.Conductivity @ 25°C	IS:3025Part- 14	µmho/cm	-	-	658.09	151.10	-	-

Remark:-

1. The report should not be produced partly or full without approval signatory authority of legal purpose.
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
3. The results refer only to tested samples and parameters.
4. Samples will be stored for a period of 10 days from date of issue of report.
5. This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
6. Results apply to the sample as received.7. Sampling not done by Lab staff.

Tested by

(Mani Shankar Roy)
Lab Assistant

Report Reviewed & Approved by

(Umesh Sahu)
Authorized Signatory

जिला जल परीक्षण प्रयोगशाला
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				Acceptable Limit	Permissible Limit	1	2	-	-
10	Colour	APHA 24 th ed.2120-B	Hazen	05	15	5	3	-	-
11	Odour	IS:3025 Part -5	-	Agreeable	Agreeable	Agreeable	Agreeable	-	-
12	Iron	APHA 24th ed 3500-Fe-B	mg/l.	1.0	No relaxation	0.054	0.059	-	-
13	Nitrates	APHA 24th ed 4500-NO ₃ - B	mg/l.	45	No relaxation	1.590	1.213	-	-
14	TDS	APHA 24th ed.2540-C	mg/l.	500	2000	446	102	-	-
15	Residual Chlorine	-	mg/l.	0.2	1.0	0.00	0.00	-	-
16	Sulphate	IS:3025 part -24	mg/l.	200	400	2.541	2.137	-	-
17	Manganese	APHA24th ed 3500Mn-B.	Mg/l.	0.1	0.3	0.00	0.00	-	-

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- The results refer only to tested samples and parameters.
- Samples will be stored for a period of 15 days from date of issue of report.
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- Results apply to the sample as received.7. Sampling not done by Lab staff.
- Agreeable is denoted by Agr.

Tested by

Report Reviewed & Approved by



(Mani Shankar Roy)
Lab Assistant



(Umesh Sahu)
Authorized Signatory

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email:- dwltraipur@gmail.com

BACTERIOLOGICAL - TEST REPORT (DRINKING WATER)

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-	-	-	-	-	-
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DETAILS OF PARAMETERS THEIR TEST METHOD UNITS AND SPECIFICATION AS PER IS/APHA

S.N.	Parameters	Test method		As per IS-10500-2012 drinking water		Result Of S.No.			
		Method	Unit	Acceptable Limit	Permissible Limit	1	2	-	-
18	E.Coli	APHA / IS	Cfu/100ml.	Nil	Nil	Nil	Nil	-	-
19	Total Coliform	APHA / IS	Cfu/100ml.	Nil	Nil	Nil	Nil	-	-

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Issue no.470 / Date- 03.07.2025

Page no. 03/03

..... End of Report