

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

क्रमांक ..174.....जि.प्र.शा./लो.स्वा.या./उपखण्ड रायपुर

दिनांक 27/07/26

✓ प्रति,

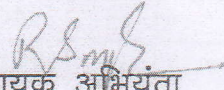
Principal
Holy Cross Senior Secondary School
Byran Bazar, Raipur (C.G.)

विषय :- जल नमूनों के परीक्षण रिपोर्ट प्रेषित करने बाबत।

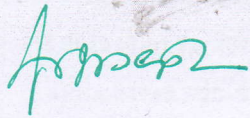
संदर्भ :- आपका पत्र क्रमांक. - दिनांक 24.07.2026

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 - 478 एवं बिल नंबर - 174 की एक प्रति।


सहायक अभियंता

लोक स्वास्थ्य यांत्रिकी उपखण्ड
रायपुर (छ.ग.)


PRINCIPAL
Holy Cross Sr. Sec. School
Byran Bazar,
Raipur (C.G.)

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

TEST REPORT

Report No. DL/PHED/RPR : 478	Discipline:- Chemical Testing	Type of Sample : Drinking Water		
Senders Name & Address:- Principal Holy Cross Senior Secondary School Byran Bazar, Raipur (C.G.)	Senders Letter No./Date	-/ 24.07.2026	Sampled by & Date	Customer 24.07.2026
	DL Receipt no.	478	DL Receipt Date	24.07.2026
	Date of Analysis Started	24.07.2026	Date of Analysis Completed	26.07.2026
	Location	Permanent Facility		

SAMPLE DETAILS

S.N.	Sample I.D.	District / Block	City / Village	Habita.	Location/Source ID./GPS Identification
1.	478/2737/07/2026	Raipur	Raipur	-	Water Sample Of, Filter
2.	478/2738/07/2026	Raipur	Raipur	-	Water Sample Of, Borewell
-	-	-	-	-	-
-	-	-	-	-	-

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

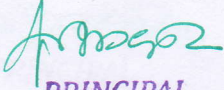
S.N.	Parameters	Test method IS 3025/APHA 24 th ed.	Unit	As per IS-10500-2012 drinking water		Result			
				Acceptable Limit	Permissible Limit	S.No. 1	S.No. 2	-	-
1	Chloride	IS 3025 (Part- 32) : 2025	mg/l.	250	1000	10.69	89.42	-	-
2	Alkalinity as CaCO ₃	IS 3025 (Part-23) : 2023	mg/l.	200	600	1.94	47.32	-	-
3	Total Hardness as CaCO ₃	IS 3025 (Part-21) : 2023	mg/l.	200	600	16.06	154.61	-	-
4	Calcium	IS 3025 (Part-40) : 2024	mg/l.	75	200	4.02	40.24	-	-
5	Magnesium	APHA 24 th ed.3500 Mg-B	mg/l.	30	100	1.46	13.17	-	-
6	Fluoride	APHA 24 th ed.4500-F- C	mg/l.	1.0	1.5	0.074	0.354	-	-
7	TDS	APHA 24 th ed.2540-solid C	mg/l.	500	2000	38.0	555	-	-
8	Spe.Conductivity @25°C	IS 3025 (Part- 14) : 2023	µmho/cm	-	-	57.95	839.59	-	-
9	pH @ 25°C	IS 3025(Part-11) : 2022	PH scale	6.5-8.5	6.5-8.5	6.58	7.34	-	-
10	Turbidity	IS 3025(Part-10) : 2023	NTU	1	5	0.57	0.24	-	-
11	Taste	IS 3025 (Part 8) : 2023	Part- 8	Agreeable	Agreeable	-	-	-	-
12	Colour	APHA 24 th ed.2120-B	Hazen	05	15	5	6	-	-
13	Odour	IS 3025 (Part -5) : 2018	-	Agreeable	Agreeable	Agreeable	Agreeable	-	-

Remark:-

1. The report should not be produced partly or full without approval signatory authority of legal purpose.
2. The results refer only to tested samples and parameters.
3. Samples will be stored for a period of 10 days from date of issue of report.
4. This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
5. Results apply to the sample as received.7. Sampling not done by Lab staff.

Tested by

(Mani Shankar Roy)
Chemist


PRINCIPAL
Holy Cross Sr. Sec. School,
Byron Bazar,
Raipur. (C.G.)

Report Reviewed & Approved by

(Umesh Sahu)
Authorized Signatory

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

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2.	478/2738/07/2026	Raipur	Raipur	-	Water Sample Of, Borewell
-	-	-	-	-	-
-	-	-	-	-	-

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

S.N.	Parameters	Test method IS 3025/APHA 24 th ed.	Unit	As per IS-10500-2012 drinking water		Result Of S.No.			
				Acceptable Limit	Permissible Limit	S.No. 1	S.No. 2	-	-
14	Iron	APHA 24 th ed. 3500-Fe-B	mg/l.	1.0	No relaxation	0.041	0.049	-	-
15	Nitrates	APHA 24 th ed. 4500-NO ₃ -B	mg/l.	45	No relaxation	1.784	36.76	-	-
16	Sulphate	IS 3025 (Part -24)	mg/l.	200	400	2.162	28.160	-	-
17	Manganese	APHA 24 th ed. 3500Mn-B.	Mg/l.	0.1	0.3	0.00	0.00	-	-
18	Residual Chlorine	-	mg/l.	0.2	1.0	0.00	0.01	-	-

BACTERIOLOGICAL - TEST REPORT

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

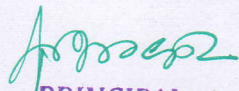
S.No.	Parameters	Test method		As per IS-10500-2012 drinking water		Result Of S.No.			
		Method	Unit	Acceptable Limit	Permissible Limit	S.No. 1	S.No. 2	-	-
19	E.Coli	IS / APHA	Cfu/100ml.	Nil	Nil	Nil	Nil	-	-
20	Total Coliform	APHA / IS	Cfu/100ml.	Nil	Nil	-	-	-	-

Remark:-

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Tested by

(Mani Shankar Roy)
Chemist


PRINCIPAL
Holy Cross Sr. Sec. School,
Byron Bazar,
Raipur (C.G.)

Report Reviewed & Approved by

(Umesh Sahu)
Authorized Signatory

Issue no. 478 / Date- 27.07.2026

Page no. 01/01

End of Report

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:- dwtlraipur@gmail.com

INVOICE

(Water Sample Analysis Charge)

Invoice no. 174

Date -27.07.2026

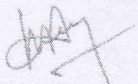
To

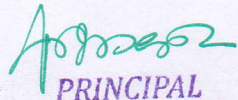
Principal
Holy Cross Senior Secondary School
Byran Bazar, Raipur (C.G.)
(Letter no. - दिनांक 24.07.2026)

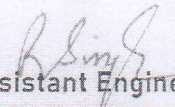
DESCRIPTION

Sr. no.	parameters	Fee in Rs. Per sample	Required parameter tick (√)	Total fee in Rs. according to no. of sample = 02
1	Colour	1.00	√	2.00
2	Odour	1.00	√	2.00
3	Turbidity in NTU	5.00	√	10.00
4	PH	1.00	√	2.00
5	Total Alkalinity as CaCO ₃ in mg/l.	20.00	√	40.00
6	TDS in mg/l.	1.00	√	2.00
7	Spe. Conductivity @ 25°C	1.00	√	2.00
8	Chloride in Mg/l.	50.00	√	100.00
9	Nitrate in mg/l.	50.00	√	100.00
10	Calcium as Ca ⁺⁺ in mg/l.	20.00	√	40.00
11	Magnesium as Mg ⁺⁺ in mg/l	20.00	√	40.00
12	Manganese	50.00	√	100.00
13	Total Hardness as CaCO ₃ in mg/l.	20.00	√	40.00
14	Iron in mg/l.	50.00	√	100.00
15	Sulphate mg/l.	50.00	√	100.00
16	Fluoride in mg/l.	50.00	√	100.00
17	Residual Chlorine in mg/l.	1.00	√	2.00
18	E.Coli	100.00	√	200.00
			Grand Total	982.00

[Invoice Amount In words ₹. Nine Hundred Eighty Two Rupees only]


Chemist
District Water Testing Laboratory
PHED Raipur (C.G.)


PRINCIPAL
Holy Cross Sr. Sec. School
Byron Bazar,
Raipur. (C.G.)


Assistant Engineer
PHE Sub Division
Raipur (C.G.)

■ सहायक अभियंता, लोक स्वास्थ्य यांत्रिकी उपखण्ड रायपुर, के नाम से चेक / डी.डी. का भुगतान करें।