

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

क्रमांक ...23/.....जि.प्र.शा./लो.स्वा.या./उपखण्ड रायपुर

दिनांक 25/07/25

प्रति,

Principal

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

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

संदर्भ :- आपका पत्र क्रमांक. - दिनांक 22.07.2025

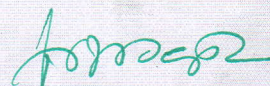
उपरोक्त विषयान्तर्गत लेख है कि संदर्भित पत्र के माध्यम से प्राप्त जल नमूने का, जिला जल परीक्षण प्रयोगशाला लोक स्वास्थ्य यांत्रिकी विभाग रायपुर में परीक्षण कर रिपोर्ट आपकी ओर प्रेषित है।

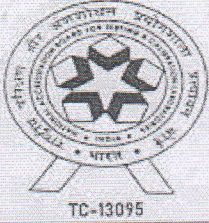
संलग्न :- रिपोर्ट नंबर - 534 एवं बिल नंबर - 476 की एक प्रति।

सहायक अभियंता

लोक स्वास्थ्य यांत्रिकी उपखण्ड

रायपुर (छ.ग.)


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



TC-13095

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

TEST REPORT (DRINKING WATER)

Report No. DL/Phed/Rpr.: 534	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -: TC130952500000534F	
Senders name & address:- Principal Holy Cross Senior Secondary School Byron Bazar, Raipur (C.G.)	Senders letter no./Date	- / 22.07.2025	Sampled by & Date	Customer 22.07.2025
	DL receipt no.	534	DL Receipt date	22.07.2025
	Date of analysis started	22.07.2025	Date of analysis completed	24.07.2025

SAMPLE DETAILS

S.N.	Sample I.D.	District / Block	City / Village	Habita.	Location/Source ID./GPS Identification
1.	534/3325/07/2025	Raipur	Raipur	-	Water Sample Of, Holy Cross Sr. Sec. School Filter
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-


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	-	-	-
1	Fluoride	APHA 24 th ed 4500-F- C	mg/l.	1.0	1.5	0.027	-	-	-
2	Chloride	IS:3025Part- 32	mg/l.	250	1000	6.92	-	-	-
3	Alkalinity as CaCO ₃	IS:3025Part-23	mg/l.	200	600	7.80	-	-	-
4	Calcium	IS:3025Part-40	mg/l.	75	200	8.60	-	-	-
5	Magnesium	APHA 24 th ed. 3500 Mg-B	mg/l.	30	100	2.84	-	-	-
6	pH @ 25°C	IS:3025Part-11	PH scale	6.5-8.5	6.5-8.5	6.60	-	-	-
7	Turbidity	IS:3025Part-10	NTU	1	5	0.32	-	-	-
8	Total Hardness as CaCO ₃	IS:3025Part-21	mg/L	200	600	33.20	-	-	-
9	Spe. Conductivity @ 25°C	IS:3025Part- 14	µmho/cm	-	-	72.47	-	-	-

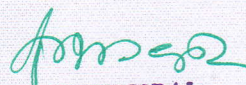
Remark:-


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

Tested by


(Mani Shankar Roy)
Chemist

Report Reviewed & Approved by


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


(Umesh Sahu)
Authorized Signatory

जिला जल परीक्षण प्रयोगशाला
लोकस्वास्थ्य यांत्रिकी विभाग रिंगरोड 1, रावणभाठा, रायपुर (छ.ग.)
DISTRICT WATER TESTING LABOARATORY, PHED.
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email:- dwtlraipur@gmail.com

TEST REPORT (DRINKING WATER)

Report No. DI/Phed/Rpr.: 534	Discipline:- Chemical Testing	Group:- Drinking Water		
Senders name & address:- Principal Holy Cross Senior Secondary School Byron Bazar, Raipur (C.G.)	Senders letter no./Date	- / 22.07.2025	Sampled by & Date	Customer 22.07.2025
	DL receipt no.	534	DL Receipt date	22.07.2025
	Date of analysis started	22.07.2025	Date of analysis completed	24.07.2025

SAMPLE DETAILS

S.N.	Sample I.D.	District / Block	City / Village	Habita.	Location/Source ID./GPS Identification
1.	534/3325/07/2025	Raipur	Raipur	-	Water Sample Of, Holy Cross Sr. Sec. School Filter
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

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	-	-	-
10	Colour	APHA 24 th ed.2120-B	Hazen	05	15	4	-	-	-
11	Odour	IS:3025 Part -5	-	Agreeable	Agreeable	Agreeable	-	-	-
12	Iron	APHA 24th ed 3500-Fe-B	mg/L.	1.0	No relaxation	0.031	-	-	-
13	Nitrates	APHA 24th ed 4500-NO ₃ - B	mg/L.	45	No relaxation	0.512	-	-	-
14	TDS	APHA 24th ed.2540-C	mg/L.	500	2000	49	-	-	-
15	Residual Chlorine	-	mg/L.	0.2	1.0	0.00	-	-	-
16	Sulphate	IS:3025 part -24	mg/L.	200	400	0.423	-	-	-
17	Manganese	APHA24th ed 3500Mn-B.	Mg/L.	0.1	0.3	0.00	-	-	-

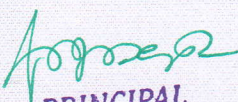
Remark:-


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- 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.
- 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.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Results apply to the sample as received. 7. Sampling not done by Lab staff.
- Agreeable is denoted by Agr.

Tested by

(Mani Shankar Roy)
Chemist

Report Reviewed & Approved by


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


(Umesh Sahu)
Authorized Signatory

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

BACTERIOLOGICAL - TEST REPORT (DRINKING WATER)

Report No. DI/Phed/Rpr. : 534		Senders letter no./Date - / 22.07.2025		Sampled by & Date		Customer 22.07.2025	
Senders name & address:- Principal Holy Cross Senior Secondary School Byron Bazar, Raipur (C.G.)		DL receipt no.		534		DL Receipt date 22.07.2025	
		Date of analysis started		22.07.2025		Date of analysis completed 24.07.2025	

SAMPLE DETAILS

S.N.	Sample I.D.	District / Block	City / Village	Habita.	Location/Source ID./GPS Identification
1.	534/3325/07/2025	Raipur	Raipur	-	Water Sample Of, Holy Cross Sr. Sec. School Filter
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-


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	-	-	-

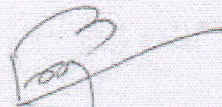
Remark:-

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2. The results refer only to tested samples and parameters.
3. Samples will be stored for a period of 15 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.
6. Sampling not done by Lab staff.

Tested by


(Mani Shankar Roy)
Chemist

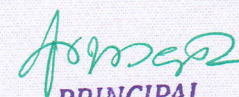
Report Reviewed & Approved by


(Umesh Sahu)
Authorized Signatory

Issue no.534 / Date - 25.07.2025

Page no. 03/03

End of Report


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

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

INVOICE

(Water Sample Analysis Charge)

Invoice no. 476

Date -25.07.2025

To

Principal

Holy Cross Senior Secondary School


Byron Bazar, Raipur (C.G.)

(Letter no. - दिनांक 22.07.2025

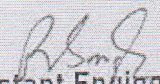
DESCRIPTION

Sr. no.	parameters	Fee in Rs. Per sample	Required parameter tick (✓)	Total fee in Rs. according to no. of sample = 01
1	Colour	1.00	✓	1.00
2	Odour	1.00	✓	1.00
3	Turbidity in NTU	5.00	✓	5.00
4	PH	1.00	✓	1.00
5	Total Alkalinity as CaCO ₃ in mg/l.	20.00	✓	20.00
6	TDS in mg/l.	1.00	✓	1.00
7	Spe. Conductivity @ 25°C	1.00	✓	1.00
8	Chloride in Mg/l.	50.00	✓	50.00
9	Nitrate in mg/l.	50.00	✓	50.00
10	Calcium as Ca ⁺⁺ in mg/l.	20.00	✓	20.00
11	Magnesium as Mg ⁺⁺ in mg/l	20.00	✓	20.00
12	Manganese	50.00	✓	50.00
13	Total Hardness as CaCO ₃ in mg/l.	20.00	✓	20.00
14	Iron in mg/l.	50.00	✓	50.00
15	Sulphate mg/l.	50.00	✓	50.00
16	Fluoride in mg/l.	50.00	✓	50.00
17	Residual Chlorine in mg/l.	1.00	✓	1.00
18	E.Coli	100.00	✓	100.00
			Grand Total	491.00

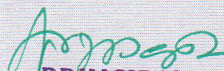
[Invoice Amount In words ₹. Four Hundred Ninety One Rupees only]


Chemist

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


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

कार्यालय अक्षिरता, लोक स्वास्थ्य यांत्रिकी खण्ड रायपुर, के नाम से चेक / डी.डी. का भूगतान करें।


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