

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

क्रमांक 308 जि.प्र.शा./लो.स्वा.या./उपखण्ड रायपुर

दिनांक 28/06/24

प्रति,

Principal

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

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

संदर्भ :- आपका पत्र क्रमांक. 113 दिनांक 26.06.2024

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 - 272 एवं बिल नंबर - 176 की एक प्रति।


सहायक अभियंता

लोक स्वास्थ्य यांत्रिकी उपखण्ड

रायपुर (छ.ग.)



TC-13095

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:- dwtlraipur@gmail.com

TEST REPORT (DRINKING WATER)

Report No. DI/Phed/Rpr.: 272	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -: TC1309524000000272F	
Senders name & address:- Principal Theresian Academy, Boriyakhurd Old Dhamtari Road, Raipur (C.G.)	Senders letter no./Date	113 / 26.06.2024	Sampled by & Date	Customer 26.06.2024
	DL receipt no.	272	DL Receipt date	26.06.2024
	Date of analysis started	26.06.2024	Date of analysis completed	28.06.2024

SAMPLE DETAILS

S.N.	Sample I.D.	District / Block	City / Village	Habita.	Location/Source ID./GPS Identification
1.	272/1602/06/2024	Raipur	Raipur	-	Sample Of Bore
2.	272/1603/06/2024	Raipur	Raipur	-	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	0.695	0.083	-
2	Chloride	IS:3025Part- 32	mg/l.	250	1000	63.29	26.70	-
3	Alkalinity as CaCO ₃	IS:3025Part-23	mg/l.	200	600	229.07	26.95	-
4	Calcium	IS:3025Part-40	mg/l.	75	200	88.88	8.88	-
5	Magnesium	APHA24th ed.3500 Mg-B	mg/l.	30	100	14.52	3.42	-
6	pH @ 25°C	IS:3025Part-11	PH scale	6.5-8.5	6.5-8.5	7.40	6.70	-
7	Turbidity	IS:3025Part-10	NTU	1	5	0.41	0.11	-
8	Total Hardness as CaCO ₃	IS:3025Part-21	mg/l.	200	600	282.24	36.28	-
9	Spe.Conductivity @ 25°C	IS:3025Part- 14	µmho/cm	-	-	593.37	79.29	-

- 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

Report Reviewed & Approved by


(Mani Shankar Roy)
Lab Assistant


(Umesh Sahu)
Authorized Signatory

Issue no.272 / Date-28.06.2024

Page no. 01/03

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.: 272	Discipline:- Chemical Testing	Group:- Drinking Water	-	
Senders name & address:- Principal Theresian Academy, Boriyakhurd Old Dhamtari Road, Raipur (C.G.)	Senders letter no./Date	113 / 26.06.2024	Sampled by & Date	Customer 26.06.2024
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SAMPLE DETAILS

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-	-	-	-	-	-

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	-
10	Colour	APHA 24 th ed.2120-B	Hazen	05	15	1 3	2 -	-
11	Odour	IS:3025 Part -5	-	Agreeable	Agreeable	Agreeable	Agreeable	-
12	Iron	APHA 24th ed 3500-Fe-B	mg/l.	1.0	No relaxation	0.046	0.031	-
13	Nitrates	APHA 24th ed 4500-NO ₃ - B	mg/l.	45	No relaxation	5.600	2.622	-
14	TDS	APHA 24th ed.2540-C	mg/l.	500	2000	417	58	-
15	Residual Chlorine	-	mg/l.	0.2	1.0	0.00	0.00	-
16	Sulphate	IS:3025 part -24	mg/l.	200	400	8.692	4.102	-
17	Manganese	APHA24th ed 3500Mn-B.	Mg/l.	0.1	0.3	0.00	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

Report Reviewed & Approved by


(Mani Shankar Roy)
Lab Assistant


(Umesh Sahu)
Authorized Signatory

Issue no.272 / Date- 28.06.2024

Page no. 02/03

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

BACTERIOLOGICAL - TEST REPORT (DRINKING WATER)

Report No. DI/Phed/Rpr. : 272				
Senders name & address:- Principal Theresian Academy, Boriyakhurd Old Dhamtari Road, Raipur (C.G.)	Senders letter no./Date	113 / 26.06.2024	Sampled by & Date	Customer 26.06.2024
	DL receipt no.	272	DL Receipt date	26.06.2024
	Date of analysis started	26.06.2024	Date of analysis completed	28.06.2024

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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	-


Remark:-

1. 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.
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5. Results apply to the sample as received.
6. Sampling not done by Lab staff.

Tested by

Report Reviewed & Approved by


(Mani Shankar Roy)
Lab Assistant


(Umesh Sahu)
Authorized Signatory

Issue no.272 / Date- 28.06.2024

Page no. 03/03

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:- dwttraipur@gmail.com

INVOICE

(Water Sample Analysis Charge)

Invoice no. 176

Date -28.06.2024

To

Principal

Theresian Academy, Boriyakhurd

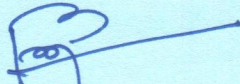
Old Dhamtari Road, Raipur (C.G.)

(Letter no. 113 दिनांक 26.06.2024)

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	Chloride in Mg/l.	50.00	√	100.00
8	Nitrate in mg/l.	50.00	√	100.00
9	Total Hardness as CaCO ₃ in mg/l.	20.00	√	40.00
10	Iron in mg/l.	50.00	√	100.00
11	Sulphate mg/l.	50.00	√	100.00
12	Fluoride in mg/l.	50.00	√	100.00
13	Residual Chlorine in mg/l.	1.00	√	2.00
14	E.Coli	100.00	√	200.00
			Grand Total	800.00

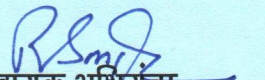
[Invoice Amount In words ₹. Eight Hundred Rupees only]



रसायनज्ञ

जिला जल परीक्षण प्रयोगशाला

लो.स्वा.या.वि. रायपुर (छ.ग.)



सहायक अभियंता

लोक स्वास्थ्य यांत्रिकी उपखण्ड

रायपुर (छ.ग.)

■ कार्यपालन अभियंता, लोक स्वास्थ्य यांत्रिकी खण्ड रायपुर, के नाम से चेक / डी.डी. का भूगतान करें।