

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

क्रमांक 201.....जि.प्र.शा./लो.स्वा.या./उपखण्ड रायपुर

दिनांक 08/07/2022

✓ प्रति,

Principal

J.B. International School
Tilda-Neora Distt. Raipur (C.G.)

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

संदर्भ :- आपका पत्र क्रमांक. - दिनांक 06.07.2022

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 - 490 एवं बिल नंबर - 132 की एक प्रति।



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



Certificate no.- TC-8056

District Water Testing Laboratory

Public Health Engineering Department, Div. Raipur

Near WTP. PHE. Central Store Campus, Ring road no. 01, Rawanbhanta, Raipur (C.G.)
e-mail:- dwltraipur@gmail.com

Test Report (Drinking Water)

Report no. DL/PHED/RPR. - 490	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -: TC805622000000490F	
Senders name & address:- Principal J.B. International School Tilda-Neora Distt. Raipur (C.G.)	Senders letter no./Date	- / 06.07.2022	Sampled by & Date	Customer / 06.07.2022
	DL receipt no.	490	DL Receipt date	06.07.2022
	Date of analysis started	06.07.2022	Date of analysis completed	08.07.2022

Sample Details

S.N.	Sample I.D.	District	City / Village	Habitation	Location/Source ID./GPS Identification
i.	490/3052/07/2022	Raipur	Tilda - Neora	-	Nal Water Sample
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Details of parameters their test method units and specification as per IS/APHA

S.N.	Parameters	Test method IS:3025/APHA 23rd ed.		Unit	As per IS-10500-2012 drinking water		Result Of S.No.				
		method	Part no.		Acceptable Limit	Permissible Limit	1	-	-	-	-
1	2	3	4	5	6	7	-	-	-	-	-
1	Fluoride	APHA 23rd ed	4500-F- C	mg/L	1.0	1.5	0.178	-	-	-	-
2	Chloride	IS:3025	Part- 32	mg/L	250	1000	9.61	-	-	-	-
3	Alkalinity as CaCO ₃	IS:3025	Part-23	mg/L	200	600	119.78	-	-	-	-
4	Calcium	IS:3025	Part-40	mg/L	75	200	21.00	-	-	-	-
5	Magnesium	APHA23rd ed.	3500 Mg-B	mg/L	30	100	6.85	-	-	-	-
6	pH @ 25°C	IS:3025	Part-ii	PH scale	6.5-8.5	6.5-8.5	8.11	-	-	-	-
7	Turbidity	IS:3025	Part-10	NTU	1	5	1.40	-	-	-	-
8	Total Hardness as CaCO ₃	IS:3025	Part-21	mg/L	200	600	80.64	-	-	-	-
9	Spe.Conductivity @ 25°C	IS:3025	Part- 14	µmho/cm	-	-	166.77	-	-	-	-

- 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.


(Umesh Sahu)

Authorized Signatory (NABL)

District Water Testing Laboratory
Public Health Engineering Department, Div. Raipur
Near WTP. PHE. Central Store Campus, Ring road no. 01, Rawanbhanta, Raipur (C.G.)
e-mail:- dwltraipur@gmail.com

Test Report (Drinking Water)

Report no. DL/PHED/RPR. - 490 Senders name & address:- Principal J.B. International School Tilda-Neora Distt. Raipur (C.G.)	Senders letter no./Date	- / 06.07.2022	Sampled by & Date	Customer / 06.07.2022
	DL receipt no.	490	DL Receipt date	06.07.2022
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Sample Details

S.N.	Sample I.D.	District	City / Village	Habitation	Location/Source ID./GPS Identification
1.	490/3052/07/2022	Raipur	Tilda - Neora	-	Nal Water Sample
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Details of parameters their test method units and specification as per IS/APHA

S. N.	Parameters	Test method		Unit	As per IS-10500-2012 drinking water		Result Of S.No.				
		method	Part no.		Acceptable Limit	Permissible Limit	1	-	-	-	-
1	2	3	4	5	6	7	-	-	-	-	-
10	Taste	IS:3025	Part- 8	-	Agreeable	Agreeable	-	-	-	-	-
11	Colour	APHA 23 rd ed.	2120-B	Hazen	05	15	2	-	-	-	-
12	Odour	IS:3025	Part-5	-	Agreeable	Agreeable	Agreeable	-	-	-	-
13	Iron	APHA 23 rd ed	3500 -Fe -B	mg/l.	1.0	No relaxation	0.039	-	-	-	-
14	Nitrates	APHA 23 rd ed	4500-NO ₃ ⁻ B	mg/l.	45	No relaxation	2.139	-	-	-	-
15	TDS	APHA 23 rd ed.	2540-C	mg/l.	500	2000	150.4	-	-	-	-
16	Residual Chlorine	-	-	mg/l.	0.2	1.0	0.00	-	-	-	-
17	Sulphate	IS:3025	Part- 24	mg/l.	200	400	4.124	-	-	-	-
18	Manganese	APHA23 rd ed.	3500Mn-B	Mg/l.	0.1	0.3	0.00	-	-	-	-

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- 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.
- Agreeable is denoted by Agr.


Chemist

District Water Testing Laboratory
P.H.E.D. Raipur (C.G.)
P. H. E. Laboratory
Raipur (C.G.)

District Water Testing Laboratory

Public Health Engineering Department, Div. Raipur
Near WTP. PHE. Central Store Campus, Ring road no. 01, Rawanbhanta, Raipur (C.G.)
e-mail:- dwltraipur@gmail.com

Bacteriological - Test Report (Drinking Water)

Report no. DL/PHED/RPR. - 490 Senders name & address:- <p style="text-align: center;">Principal J.B. International School Tilda-Neora Distt. Raipur (C.G.)</p>	Senders letter no./Date	- / 06.07.2022	Sampled by & Date	Customer / 06.07.2022
	DL receipt no.	490	DL Receipt date	06.07.2022
	Date of analysis started	06.07.2022	Date of analysis completed	08.07.2022


Sample Details

S.N.	Sample I.D.	District	City / Village	Habitation	Location/Source ID./GPS Identification
1.	490/3052/07/2022	Raipur	Tilda - Neora	-	Nal Water Sample
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

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	-	-	-	-
						6	7	-	-	-
1	2	3	5	6	7	-	-	-	-	-
19	Total Coliform	APHA / IS	Cfu/100ml.	Nil	Nil	Nil	-	-	-	-
20	E.Coli	APHA / IS	Cfu/100ml.	Nil	Nil	Nil	-	-	-	-

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.
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.
6. Sampling not done by Lab staff.


Chemist
 District Water Testing Laboratory
 P.H.E.D., Raipur (C.G.)
 Raipur (C.G.)

District Water Testing Laboratory

Public Health Engineering Department ,
Near WTP. PHE.Central Store Campus, Ring road no. 01, Rawanbhanta, Raipur (C.G.)
e-mail:- dwttraipur@gmail.com

Invoice (Water Sample Analysis Charge)

Invoice no. 132

Date - 08.07.2022

To

Principal

J.B. International School
Tilda-Neora Distt. Raipur (C.G.)

(Letter no. - दिनांक 06.07.2022)

Description

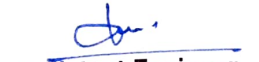
Sr. no.	parameters	Fee in Rs. Per sample	Required parameter tick (√)	Total fee in Rs. according to no. of sample = 01
1	Taste	1.00	√	1.00
2	Colour	1.00	√	1.00
3	Odour	1.00	√	1.00
4	Turbidity in NTU	5.00	√	5.00
5	PH	1.00	√	1.00
6	Total Alkalinity as CaCO ₃ in mg/l.	20.00	√	20.00
7	TDS in mg/l.	1.00	√	1.00
8	Chloride in Mg/l.	50.00	√	50.00
9	Nitrate in mg/l.	50.00	√	50.00
10	Total Hardness as CaCO ₃ in mg/l.	20.00	√	20.00
11	Iron in mg/l.	50.00	√	50.00
12	Sulphate mg/l.	50.00	√	50.00
13	Fluoride in mg/l.	50.00	√	50.00
14	Residual Chlorine in mg/l.	1.00	√	1.00
15	Total Coliform	100.00	√	100.00
16	E.Coli	100.00	√	100.00
			Grand Total	501.00

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



Chemist

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



Assistant Engineer
PHED Sub Div.
Raipur (C.G.)

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