

District Water Testing Laboratory

Public Health Engineering Department, PHE. Central Store Campus, behind Civil Police Station, Bilaspur (C.G.) Contact as email - <u>bspphedlab@gmail.com</u>



Har Ghar Jal

Discipline- Chemical Testing
Senders name & address -:
Mother's Pride World School
Chakarbhatha, Bilaspur

	Group, Deint:	A report		Jai Jeevan Mission
	Group- Drinking water			
	Senders letter no./Date			
	DL receipt no.	202/04.10.2024	Sampled by	0.1
	DE receipt no.	4960	DL Reciept date	School Staff
	Date of analysis started	04.45	DE Reciepi date	04.10.2024
	July 513 Started	04.10.2024	Date of analysis completed	-
_				06 10 2024

-	Sample Details-:	Date of anal	ysis started 04.10.2024	Date of analysis completed	04.10.2024
Sr.no.	Sample I.D.	District /Block	Cit (1)	and of unarysis completed	06.10.2024
I	10/24/4960/1597		City / Village	Location/source no./GPS ide	entification
	, 100, 155,	bilaspur	Bilaspur	Mother's Pride World	
				The World	3011001
56 n	Danie	Details of parameter	rs their test method units and		

ss.n	D.	Details of par	ameters their test met	had we't							1
	Parameters	Test method	rameters their test met	lod units	and specifi	cation as pe	r IS/APHA -:				
•		IS:3025/APHA	23rd ed.	Unit	As p	er IS-					
		Method	Part no.	Cint	1	0-2012		Res	nl+		
					drin	ıking		ics	uit		
					Wa	iter					
					Desira	Permis					
					ble	sible	1	2	3		_
1	2	3	4		Limit	LImit		-	,	4	5
1	Turbidity	IS:3025	·	5	6	7	-	-			+
2	Color	APHA (24 th Ed)	Part-10	NTU	1	5	1.11	-	-	-	-
3	Odour	,	Part-2120B	CU	5	15	2.00		-	-	-
4	Taste	IS:3025	Part-05		Agr	Agr	-	-	-	-	-
5	PH @ 25□C	IS:3025	Part-7/8		Agr	Agr	-	-	-	-	-
	111 @ 2300	IS:3025	Part-11	PH	6.5-8.5	6.5-8.5	7.88	-	-	-	-
6	Total Alkalinity as	APHA (24th Ed)	D	scale			7.00	-	-	-	-
	CaCO ₃	ATTIA (24 Eu)	Part-2320 B	mg/l.	200	600	235.20	-			+-
7	TDS	APHA (24 th Ed)	7						-	-	-
8	Chloride as Cl		Part-3540-C	mg/l.	500	2000	441.00	-	-		+-
	emoriae as Ci	APHA (24 th Ed)	Part- 4500-Cl- B	mg/l.	250	1000	55.55		<u> </u>	-	-
9	Total Hardness as	APHA (24 th Ed)	Part-2340-C						-	-	-
	CaCO ₃	/ (24 Eu)	Fart-2340-C	mg/l.	200	600	293.17	-			+
10	Calcium as Ca++	APHA (24th Ed)	Part-3500-Ca- B		7.				-	-	-
11				mg/l.	75	200	67.53	-	_	_	1.
11	Magnesium as Mg ⁺⁺	APHA (24th Ed)	3500-Mg-B	mg/l.	30	100	32.26	-	_	_	-

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 souces will have to be rejected.

3 The results refer only to tested samples and parameters.

4. This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.

5. Samples will be stored for a period of 10 days from date of issue of report.

Chemist

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

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Test Report

Discipline- Chemical Testing	1 est Re			
Senders name 8 11	Group- Drinking water			
Mother's Pride World School	Senders letter no./Date	202/04.10.2024	Sampled by	School Staff
Chakarbhatha, Bilaspur	DE receipt no.	4960	DL Reciept date	04.10.2024
Sample Details.	Date of analysis started	04.10.2024	Date of analysis completed	06.10.2024

Sr.no.	Sample Details-:			, , , , , , , , , , , , , , , , , , , ,
51.110.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	10/24/4000/4507	D.I		200411011 Source 1103/G1 5 Identification
	10/24/4960/1597	Bilaspur	Bilaspur	Mother's Pride World School
		Details of parameters	their test weether their test	75

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-			Dogulto				
	Method	Method Pa	Part no.		2012(second- revision) drinking water		Results				
					Desira ble Limit	ssible	e 1	2	3	4	5
1	2	3	4	5	6	7	-	-	-	-	-
1	Spe.Conductivit y @ 25 □	IS:3025	Part-14	μS/cm	-	-	722.95	-	-	-	-
2	Nitrate as NO ₃	APHA (24th Ed)	Part-2120B	Mg/l	45	45	-	-	-	-	-
3	Iron as Fe ⁺⁺	APHA (24th Ed)	Part-05	Mg/l	0.1	0.3	0.18	-	-	-	-
4	Fluoride as F	APHA (24th Ed)	Part-7/8	Mg/l	1.0	1.5	0.142	-	-	-	-
5	Residual Chorine	-	-	Mg/l	0.2	Nil	-	-	-	-	-
6	Sulphate	IS:3025	Part-24	Mg/l	200	400	-	-	-	-	-
7	E. Coliform	APHA (24th Ed)	Part- 9222B	CFU / 100 ML	Nil	Nil	Nil	-	-	-	
8	Fecel Coliform	APHA (24th Ed)	Part- 9222D	CFU / 100 ML	Nil	Nil	-	-	-	-	•

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****** End of Report ******

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