All	TC-10158	Publi ear PHE,	Test I	Engine tore Can ail-: phe	ering Der	partmen kradhar N 90@gmai	t,Div.	Daia	arh a C.G.			
Repor	t no. DL/PHED/RGH 411	Discipline-; Testing	Chemical ,		Drinking Water		TC101562	30000000	411F			
Send	ers Name :-	Senders letter no./Date Sample collection date DL receipt no. Date of analysis started		59/27.06.2023 27.06.2023 161 27.06.2023		ULR no: TC10156230000000411F						
	Principal,					Sampling Plan & procedure DL Receipt date Date of analysis completed			By Client Sampling is not done by laboratory staff 27.06.2023			
CPM	Hr. Sec. English Medium											
Sc	hool Sarangarh (C.G.)											
	4			Sample	Details		lysis comp.	leted	1	27.06.20	23	
S No.	Sample ID	District/Block Sarangarh			Panchayat/Village		ation	Location/Source ID/GPS Identification				
1	DL/RGH/LAB-23/2102			Sarangarh		Dansara, Raipur Road		Drinking Water, CPM Hr. Sec. Eng. Med. Schhol, Sarangarh				
S. No.	Details	of parameters their test r Test method IS:3025/APHA 23rd ed.			As per l 2012(Seco	ication as p IS-10500- nd Rev) for og water	I Rev) for Results					
		method	Part no.	unit	Acceptab le Limit	Permissi ble Limit	1	2	3	4	5	
1	2	3	4	5	6	7	Sec. Sugar			-		
1*	Colour	APHA23rd ed	2120-B	Hazen	5	15	1					
2*	Odour	IS:3025	Part 5		Agreable	Agreable	Agr.	-1	-		-	
3*	TDS (Total Dissolved Solids)	APHA23rd. ed	Part-2540-C	mg/L	500	2000	310					
	Chloride as Cl-	APHA23rd	Part-4500-Cl	mg/L	250	1000	21.27				-	
4*		ed	B	mg/L	200	600	130.42			-		
	Alkalinity as CaCO3	APHA23rd	Part-3220- B	THE L		000	100.42	11.				
4*	Alkalinity as CaCO3 Total Hardness as CaCO3	ed APHA23rd	Part-3220- B Part-2340- C			600	183.01	*				
4* 5*		ed APHA23rd ed APHA23rd		mg/L mg/L	200	600 200	183.01	*				
4* 5* 6*	Total Hardness as CaCO3	ed APHA23rd ed APHA23rd ed APHA23rd	Part-2340- C	mg/L	200	600 200 100	36.67					
4* 5* 6* 7* 8*	Total Hardness as CaCO3 Calcium as Ca2+	ed APHA23rd ed APHA23rd ed	Part-2340- C 3500- Ca- B	mg/L mg/L	200 75	200						

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 talerated 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.

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5. This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification. Remarks - 1. Results apply to the sample as received.

2. Sampling not done by Lab staff.

mon Issue no./date. 411/28.06.2023 Page no.00000000 CPM Hr.Sec.Eng.M

(Raju George) Authorized Signatory (NABL)

Principal CPM Hr. Sec. Eng. Med. School Sarangarh DIST - SARANGARH-BAILAIGARH (C.G.)

	N	Publi	c Health , Centrál : e-m	Engine Store Can ail-: phe	Testing ering De opus, Cha drghlab19 Drinking W	partme kradhar 90@gma	nt,Div. Nagar I	Daia	arh h C.G.				
Repo	rt no. DL/PHED/RGH 411	Discipline-: Testing	Chemical		Drinking Water	A REAL PROPERTY AND ADDRESS OF AD							
Send	lers Name :-	Senders letter no./Date		59/27.06.2023		_							
	Principal,	Sample collection date		27.06.2023		Sampled b	-	By Client					
CPM Hr. Sec. English Medium School Sarangarh (C.G.)				161			Sampling Plan & procedure			Sampling is not done by laboratory staff			
						DL Receipt date			27.06.2023				
				_			Date of analysis completed			28.06.2023			
S No	Sample ID	Distr	ict/Block	1	Details			-					
1	DL/RGH/LAB-23/2102	Sarangarh		Panchayat/Village Sarangarh		Habitation Dansara, Raipur Road		Location/Source ID/GPS Identificatio					
								Drinking Water, CPM Hr. Sec. Eng Med. Schhol, Sarangarh					
Details . S. No. Parameters		of parameters their test r Test method IS:3025/APHA 23rd ed.		method uni		specification as per As per IS-10500- 12(Second Rev) for drinking water		5:3025/APHA Results					
S. No.	Parameters	231	rd ed.	unit	2012(Seco	nd Rev) for		17	Results				
	Parameters	231 method	rd ed. Part no.	unit	2012(Seco	nd Rev) for	1	2	Results	4	5		
S. No.	Parameters 2	-	-	unit 5	2012(Secondrinkin Acceptable	nd Rev) for g water Permissi ble	1	2		4	5		
	A MA MILLETS	method 3 APHA23rd	Part no.		2012(Secondrinkin Acceptable Limit	nd Rev) for g water Permissi ble Limit 7	1	2		4	5		
1	2	method 3	Part no.	5	2012(Seco drinkin Acceptab le Limit 6	nd Rev) for 1g water Permissi ble Limit	1	2		4	5		
1	2 Iron	method 3 APHA23rd ed APHA23rd ed APHA23rd	Part no. 4 3500-Fe-B 4500-NO <sub>3</sub> - B	5 mg/L mg/L	2012(Seco drinkin Acceptable Limit 6 0.3 45	nd Rev) for g water Permissi ble Limit 7 01 45	0.16	2		4	5		
1 1* 2*	2 Iron Nitrates	method 3 APHA23rd ed APHA23rd ed APHA23rd ed APHA23rd	Part no. 4 3500-Fe-B	5 mg/L mg/L mg/L	2012(Seco drinkin Acceptable Limit 6 0.3 45 1.0	nd Rev) for g water Permissi ble Limit 7 01 45 1.5	1 0.16 - 0.29	2		4	5		
1 1* 2* 3*	2 Iron Nitrates Fluoride	method 3 APHA23rd ed APHA23rd ed APHA23rd ed	Part no. 4 3500-Fe-B 4500-NO <sub>3</sub> <sup>-</sup> B 4500-F- C	5 mg/L mg/L	2012(Secoldrinkin Acceptable Limit 6 0.3 45 1.0 200	nd Rev) for g water Permissi ble Limit 7 01 45 1.5 400	1 0.16 - 0.29 -	2		4	5		
1 1* 2* 3* 4*	2 Iron Nitrates Fluoride Sulphate	method 3 APHA23rd ed APHA23rd ed APHA23rd ed APHA23rd ed APHA23rd ed	Part no. 4 3500-Fe-B 4500-NO <sub>3</sub> <sup>-</sup> B 4500-F - C IS:3025	5 mg/L mg/L mg/L mg/L	2012(Seco drinkin Acceptable Limit 6 0.3 45 1.0	nd Rev) for g water Permissi ble Limit 7 01 45 1.5	1 0.16 - 0.29	2		4	5		
1 1* 2* 3* 4* 5*	2 Iron Nitrates Fluoride Sulphate Conductivity	method 3 APHA23rd ed APHA23rd ed APHA23rd ed APHA23rd ed IS:3025	Part no. 4 3500-Fe-B 4500-NO <sub>3</sub> <sup>-</sup> B 4500-F - C IS:3025	5 mg/L mg/L mg/L mg/L µmho/cm	2012(Seco drinkin Acceptable Limit 6 0.3 45 1.0 200 -	nd Rev) for g water Permissi ble Limit 7 01 45 1.5 400 -	1 0.16 - 0.29 - 580 0	2		4	5		

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2. Sampling not done by Lab staff.

Lab Assistant

Chemist / Lab Incharge District Water Testing Laboratory District Water Testing Laboratory P.H.E.D. Raigarh C.G P.H.E.D. Raigarh C.G

Principal CPM Hr. Sec. Eng. Med. School Sarangarh DIST .- SARANGARH-BAILAIGARH (C.G.)

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