DWTLCHW

District Water Testing Laboratory
Public Health Engineering Department
P.H.E.D. Chhindwara
Result of Sample

Nature of sample:- Drinking Water sample/Other	Not Sampled by DWTLCHW		Sample Code No.:-
Sender's name and address:- Principal Delhi Public school,Campus-12th K.M.Stone, Betul Road.Distt.Chhindwara[M.P.]	Sender's letter no.	Q	Sender's letters Date: 10.10.2022
No. 823 /Dn.Lab/Distt.Chw/Dt. 14/10/22	DWTLCHW Receipt. No.	387	DWTLCHW receipt date: 10.10.2022
	Date of analysis started:- 11.10.2022		Date of analysis completed: 12.10.2022
	Quantity of sample		Ok

Sample details

No.	District	Location
1	Chhindwara	Borewell Main Gate In Campus
2	Chhindwara	Borwell Football Ground In Campus
3	Chhindwara	School Building Filter R.O.In Campus
4	Chhindwara	Hostal Filter R.O. In Campus

Details of parameters, their test methods, units and specifications as per BIS (Physical & Chamical Parameter)

S.No.	Parameter's	Test method	Unit	As Per BIS-10500:2012 For Drinking Water		Sample No.				
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	Test Result's				
1	2	3	4	5	6	1	2	3	4	5
1	Turbidity	As per IS 3025 Part 10	NTU	1	5	2.4	2.1	0.7	0.5	-
2	pH	As per IS 3025 Part 11	pH scale	6.5to 8.5	6.5to 8.5	7.00	8.92	6.74	8.91	-
3	Total Alkalinity as CaCo3 Mg/l	As per IS 3025 Part 23	Mg/l	200	600	126.3	55.6	30.3	25.3	-
4	Chloride as Cl Mg/l	As Per IS 3025 Part 32	Mg/l	250	1000	55.5	158.5	11.5	36.5	-
5	Total Hardness as CaCo3 Mg/l	As Per IS 3025 Part 21	Mg/l	200	600	228.0	52.0	124.0	24.0	-
6	Calcium as Ca++ Mg/l	As per IS 3025 Part 40	Mg/l	75	200	48.0	14.4	33.6	8.0	-
7	Magnesium as Mg++ Mg/l	As Per IS 3025 Part 46	Mg/l	30	100	26.3	3.9	9.7	1.0	-
8	Nitratet as NO3 Mg/l	As per IS 3025 Part 34	Mg/l	45	45	14.2	0.62	0.007	0.24	-
9	Fluoride Mg/l	By Ion Meter	Mg/l	1	1.5	1.03	7.76	0.25	1.54	-
10	Total Dissolved Solids Mg/l	By Meter	Mg/l	500	2000	245	429	48.0	93.0	-
11	Iron as Fe	As Per IS 3025 Part 53	Mg/l	1	1	0.74	0.40	0.20	0.14	-
12	Suiphate as So4 mg/l	BIS:3025 Part 24	Mg/l	200	400	38.8	71.5	9.1	13.9	-
13	Faecal Coliform (TTC) per 100ml	Standard Method 1992	per 100ml	NIL		-	-	-	-	-
14	Totoal Coliform per 100ml	Standard Method 1992	per 100ml	NIL for treated water and water in distribution system		-	-	-	-	-

1. This report should not be produced partly or full without approval of signatory authority legal purposes.
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 upto the limits indicated under the "permissible limit in the absence of alternate source" in column 6, above which the sources will have to be rejected.
3. The results refer only to tested samples and prameters tested
4. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.

Remark: Sample not Collected by laboratory staff.

Indt.No. ..... Distt. Lab/P.H.E. Sub Dn. Chhindwara Date:- .....

Copy to - 1. Executive Engineer P.H.E. Division Chhindwara for information please.

Chemist
Distt. Water Testing Laboratory
P.H.E.D.,Chhindwara (M.P.)

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