

कार्यालय कार्यपालन अभियंता
लोक स्वास्थ्य यांत्रिकी खंड, राजेन्द्र पार्क चौक, दुर्ग (छ.ग.)

दूरभाष क्र. 0788-2323633,

E-mail:eedurg-phe-cg@nic.in

कमांक 414 / लेब. / का.अ. / लो.स्वा.यां.खंड / 2021

दुर्ग, दिनांक-14-01-2021

प्रति,

प्राचार्य
केन्द्रीय विद्यालय
सी.आई.एस.एफ. उतई,
भिलाई जिला-दुर्ग (छ.ग.)

विषय- जल परीक्षण रिपोर्ट भेजने बाबत ।

संदर्भ :- आपका पत्र कं के.वि.सी.आई.एस.एफ. / 2020-21 / 177 दिनांक 29.12.2020

// 0000 //

उपरोक्त विषयांतर्गत लेख है कि आपके द्वारा भेजा गया जल नमूना का परीक्षण उपरान्त रिपोर्ट आपकी ओर हेतु प्रेषित है।

सहपत्र- 03 रिपोर्ट।

for Jacob
सहायक अभियंता
कार्यालय-कार्यपालन अभियंता
लोक स्वास्थ्य यांत्रिकी खण्ड
दुर्ग (छ.ग.)

प्रकाश मी सुमित झा /
16/01/2021





District Water Testing Laboratory
Public Health Engineering Division Durg Chhattisgarh

Format Id- DL/PHED/DRG/F/4.1

Near Rajendra Park Chowk

E-mail eedurg-phe-cg@mail.nic.in , Phone 0788-2323633

Test Report

ificate No. TC-7502

Sample - Drinking Water	ULR No. -TC750221000000005F		Sampled Collected by-Kendriya Vidyalaya Utai Bhilai		
Name and Address: Kendriya Vidyalaya CISF,3rd RBN Campus, Utai Bhilai Dist-Durg (C.G.)	Sender's letter no.	177	Sender's letter Date	29/12/2020	
	Date of Sample Collection	-	Sampling Plan & Procedure No.	-	
	DL Receipt No.	01/21/01	DL Received date	02/01/2021	
	Date of analysis started	02/01/2021	Date of analysis completed	02/01/2021	

Source/Location Details

Kendriya Vidyalaya CISF,3rd RBN Campus, Utai Bhilai Dist-Durg (C.G.)

Details of parameters, their test methods, units and specifications as per IS/APHA

Characteristics	Test method IS/APHA 23rd Edition		Unit of Measurement	As Per IS -10500:2012 For Drinking Water		Results						
	3	4		Acceptable Limit	Permissible Limit	1	2	3	4	5	6	7
						Sample ID -> 1						
Turbidity	IS:3025	Part -10	NTU	1.0	5.0	0.53	-	-	-	-	-	-
	IS:3025	Part -11	pH scale	6.5 - 8.5	6.5 - 8.5	7.3	-	-	-	-	-	-
Total Alkalinity as CaCO ₃	IS:3025	Part -23	mg/l	200	600	152.68	-	-	-	-	-	-
Total Hardness as CaCO ₃	IS:3025	Part -14	µmhos/cm	-	-	474	-	-	-	-	-	-
Chloride as Cl ⁻	IS:3025	Part- 32	mg/l	250	1000	50.94	-	-	-	-	-	-
Total Hardness as CaCO ₃	IS:3025	Part -21	mg/l	200	600	171.36	-	-	-	-	-	-
Calcium as Ca ⁺⁺	IS:3025	Part -40	mg/l	75	200	57.31	-	-	-	-	-	-
Magnesium as Mg ⁺⁺	IS:3025	Part -46	mg/l	30	100	6.85	-	-	-	-	-	-
Nitrate as NO ₃ ⁻	APHA	4500-NO3-B	mg/l	45	45	5.5	-	-	-	-	-	-
Iron as Fe ⁺⁺	APHA	3500-Fe B	mg/l	0.3	1.0	0.014	-	-	-	-	-	-
Manganese as Mn ⁺	APHA	3500-Mn-B	mg/l	0.1	0.3	0.0	-	-	-	-	-	-
Sulfate as SO ₄ ²⁻	IS:3025	Part- 24	mg/l	200	400	34.01	-	-	-	-	-	-
Fluoride as F ⁻	APHA	4500-F-C	mg/l	1.0	1.5	0.166	-	-	-	-	-	-


This report should not be produced partly or full without approval of signatory authority of legal purposes
 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 7 above which the sources will have to be rejected.

The results refer only to tested samples and parameters tested.

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 want of clarification.

The Laboratory does not give interpretation on Test result Passed / Failed


 (Parimal Dutta)
 Authorized Signatory
 Chemist
 Qmg & Tmg(NABL)

Issue No. 06 /Lab/ Date-05/01/2021

: End of Test Report :

District Water Testing Laboratory
Public Health Engineering Division Durg Chhattisgarh

Format Id- DL/PHED/DRG/F/4.2

Near Rajendra Park Chowk

E-mail eedurg-phe-cg@mail.nic.in , Phone 0788-2323633

Test Report

Sample :- Drinking Water Sender's Name and Address Kendriya Vidyalaya CISF, 3rd RBN Camp, Utai Bhilai Dist-Durg	Sample collected by- Kendriya Vidyalaya Utai Bhilai			
	Sender's letter no.	177	Sender's letter Date	29/12/2020
	Date of Sample Collection	-	Sampling Plan & Procedure No.	-
	DL Receipt No.	01/21/01	DL Received date	02/01/2021
	Date of analysis started	02/01/2021	Date of analysis completed	02/01/2021

Source/Location Details
Kendriya Vidyalaya CISF, 3rd RBN Campus, Utai Bhilai Dist-Durg (C.G.)

Characteristics	As Per IS -10500:2012 For Drinking Water		Results							
	Acceptable Limit mg/l	Permissible Limit mg/l	1	2	3	4	5	6	7	8
2	3	4	1	2	3	4	5	6	7	8
Residual Chlorine	0.2	1.0	-	-	-	-	-	-	-	-
Hardness (by Meter)	500	2000	291	-	-	-	-	-	-	-
Residual Chlorine (by Kit)	0.01	0.01	-	-	-	-	-	-	-	-

This report should not be produced partly or full without approval of signatory authority of legal purposes

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 3 above which the sources will have to be rejected.

The results refer only to tested samples and parameters tested.

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 want of clarification.

Not include in NABL Scope

The Laboratory does not give interpretation on Test result PASSED / FAILED


Chemist

Public Health Engg. Division
Durg(C.G.)

Issue No. 06 /Lab/ Date- 05/01/21

: End of Test Report :

District Water Testing Laboratory
Public Health Engineering Division Durg Chhattisgarh
 Near Rajendra Park Chowk
 E-mail eedurg-phe-cg@mail.nic.in , Phone 0788-2323633

Test Report (Bacteriological)

No. of sample - Drinking Water Sender's Name and Address: Kendriya Vidyalaya CISF, 3rd RBN Campus, Utai Bhilai Dist-Durg (C.G.)	Sender's letter no.		177	Sampled Collected by- Kendriya Vidyalaya Utai Bhilai	
	Date of Sample Collection			Sender's letter Date	
	DL Receipt No.		01/21/01	29/12/2020	
	Date of analysis started		02/01/2021	Sampling Plan & Procedure No.	
				-	
			DL Received date		
			02/01/2021		
			Date of analysis completed		
			03/01/2021		

Sample Details-	Village-	Block-
Source/Location Details		
1	Kendriya Vidyalaya CISF, 3rd RBN Campus, Utai Bhilai Dist-Durg (C.G.)	
2		
3		
4		
5		
6		
7		
8		

Details of parameters

No.	Characteristics	As Per IS -10500:2012 For Drinking Water		Results									
		Acceptable Limit	Permissible Limit	1	2	3	4	5	6	7	8		
	2	3	4	Sample Id →	1	-	-	-	-	-	-	-	-
	Total Coliform per 100ml <u>For Treated Water & Distribution System</u> 24 Hrs	Nil	Nil		-	-	-	-	-	-	-	-	-
		48 Hrs	Nil	Nil		-	-	-	-	-	-	-	-
	Faecal Coliform (TTC) per 100ml	24 Hrs			00	-	-	-	-	-	-	-	-

- This report should not be produced partly or full without approval of signatory authority of legal purposes
- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable.
- The results refer only to tested samples and parameters tested.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- Not include in NABL Scope.
- The Laboratory does not give interpretation on Test result PASSED / FAILED


 Chemist
 Public Health Engg. Division
 Durg(CG)

Slur No. 06 / Lab/ Date- 05/01/21 : End of Test Report :