



# KLE DR M S Sheshgiri College of Engineering and Technology

Udyambag, Belagavi - 590 008.

(Approved by AICTE New Delhi & Affiliated to VTU, Belagavi)

## Department of Civil Engineering

Accredited by NBA, New Delhi



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Ref: KLE/CED/ENV/TR-23/2020

Date: 10.09.2020

### ANALYSIS REPORT OF FRESH WATER QUALITY

Name of the location : Belagavi  
 Name of the project : Analysis of water sample for drinking purpose  
 Sample collected by : Client.  
 Date of collection : 07.09.2020  
 Particulars of sample collected : Grab  
 Date of receipt of sample : 07.09.2020  
 Report to be sent : Jyoti Central School, GLR. Sy.No 251/858, Old Post Office road  
 Camp, Belagavi-590001.

Sl. No.	Parameter	Protocol	Unit	Results	Standard Desirable	Standard Permissible limits in absence of alternate source
1	PH	pH meter	--	6.92	6.5-8.5	No relaxation
2	Conductivity ( $\mu\text{S/cm}$ )	Cond/TDS meter	$\mu\text{S/cm}$	202	--	--
3	Total Dissolved Solids	Cond/TDS meter	mg/L	111	500	2000
4	Turbidity (NTU)	Nephelometer	NTU	0.00	1.0	5.00
5	Chlorides (Cl)	Titrimetric	mg/L	31	250.00	1000.00
6	Sulfates ( $\text{SO}_4$ )	Spectrophotometer	mg/L	18	200.00	400.00
7	Total Hardness as $\text{CaCO}_3$	Titrimetric	mg/L	60	200.00	600.00
8	Calcium as Ca	By Calculation	mg/L	15	75.00	200.00
9	Magnesium as Mg	By Calculation	mg/L	05	30.00	100.00
10	Total Alkalinity as $\text{CaCO}_3$	Titrimetric	mg/L	04	200.00	600.00
Inference		As per IS:10500-2012 Report Status: The results are within limits as per the above parameters.				

Tested By:

*Joyceton.H*  
Shri.Joyceton.H

*Dr.P.A.Ghorpade*  
Dr.P.A.Ghorpade

*M. Manjunath*  
HOD CIVIL ENGG

*[Signature]*  
PRINCIPAL

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CHAIRMAN  
Jyoti Central School,  
Belgaum,

*[Signature]*  
SECRETARY  
Jyoti Central School  
Camp, Belgaum

*[Signature]*  
PRINCIPAL  
Jyoti Central School  
Camp, Belgaum



Date of Receipt : 12/3/2019

**REPORT OF THE BACTERIOLOGICAL ANALYSIS OF WATER**

Sample Sent By

Observation

Date of Reporting: 14/3/2019

DMS MANDAL'S JYOTI CENTRAL SCHOOL, BELGAUM, GIR SY NO: 251/858, OLD POST OFFICE ROAD, CAMP, BELGAUM- 590001	Sl. No.	Sample No.	Source & Particulars of Water Sample	M.P.N Count	Report		Conclusion
					S.P.P	N.S.P.P	
M.P.N. Count :	-	-	-	-	-	-	<p>SATISFACTORY</p> <p><i>None</i></p> <p><i>Water is satisfactory for potable purpose</i></p>
Most probable number of	-	-	-	-	-	-	
S.P.P.	-	-	-	-	-	-	
Water is satisfactory for Potable purpose.	-	-	-	-	-	-	
N.S.P.P.	-	-	-	-	-	-	
Water is not satisfactory for Potable purpose.	-	-	-	-	-	-	-
1	681	AQUA GUARD	NIL	✓	-	-	-

NOTE : IF WATER SAMPLE IS UNSATISFACTORY RECOLLECT THE WATER SAMPLE AFTER TREATMENT TILL THE RESULTS ARE DECLARED SATISFACTORY

**CHAIRMAN**  
Jyoti Central School,  
Belgaum,

**SECRETARY**  
Jyoti Central School  
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