

पत्रांक :- 918(SLWTL/2019-20)001 दिनांक:- 10/10/19

प्रेषक,

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला,

पेय जल एवं स्वच्छता विभाग, राँची, झारखण्ड ।

सेवा में,

TO The Principal,

Montfort School, Hathiagonda,

Ranchi, Jharkhand – 834008.

विषय:- जल जाँच के संबंध में।

प्रसंग:- Ref : MS/Circular/2019-20/015

दिनांक – 03/10/2019

महाशय,

उपरोक्त विषय एवं प्रासंगिक पत्र के संदर्भ में कहना है कि दिनांक – 03/10/2019 को आपके द्वारा दिया गया जल नमूना का रासायनिक एवं जैविक जाँच समपन्न कर जल जाँच प्रतिवेदन आपको समर्पित किया जा रहा है।

अनुलग्नक :- 02 अदद।



विश्वासभाजन

10/10/19

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला, राँची।

State Level Water Testing Laboratory ,Ranchi, Jharkhand

	TEST ANALYSIS REPORT	Doc No.: SLWTL-QP-5.10-01-F12 Issue No.: 01 Revision No.: 00 Date : 06.01.2016	 NABL Certificate No. – IC - 7351
--	-----------------------------	---	---

Issued to : - To the Principal, Montfort School, Hathiagonda, Ranchi, Jharkhand – 834008. Sample No. – 01 – Drinking water.	Sample Code : - 191003-GW-A-001 Report ID : - TC735119000000323F Date of Issue : - 10/10/2019 Customer Reference No. : - SLR/CLR/OCTOBER-19/002
--	--

Sample Particulars	Details of Sampling
Sample Name/Description: - Ground water. Sample Quantity : - 1 Lit. Sample pkg. Condition : - Good	Date of sampling : - N/A Sample Receive date: - 03/10/2019 Sampling Protocol: - N/A Sample collected by: - Customer Sampling Location: - Final Outlet

Test Result


Test started on: -		03/10/2019	Test completed on :-		09/10/2019	
Sl. No.	Tested Parameter	Unit	Results	Method	Specification as per IS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (Absence of Alternate source)
1	pH	-	6.57	APHA 23 rd Ed.2017-4500-H ⁺ B, (Electrometric method)	6.5 – 8.5	No relaxation
2	Total Dissolved Solids at 180 ^o C	mg/L max	210	APHA 23 rd Ed.2017-2540 C, Total Dissolved Solids Dried at 180 ^o c	500	2000
3	Turbidity	NTU max	0.1	APHA 23 rd Ed.2017-2130 B, (Nephelometric method)	1	5
4	Colour	Hazen unit	5	APHA 23 rd Ed.2017-2120 B, (Visual Comparison method)	5	15
5	Total Alkalinity as CaCO ₃	mg/lL max	64	APHA 23 rd Ed.2017-2320 B, (Titration method)	200	600
6	Total Hardness as CaCO ₃	mg/L max	112	APHA 23 rd Ed.2017-2340 C, (EDTA Titration method)	200	600
7	Calcium as (Ca)	mg/L max	30.4	APHA 23 rd Ed.2017-3500 Ca B, (EDTA Titration method)	75	200
8	Magnesium as Mg	mg/L max	8.75	APHA 23 rd Ed.2017-3500-Mg B, (Calculation method)	30	100
9	Chloride as (cl)	mg/L max	87.34	APHA 23 rd Ed.2017-4500 Cl ⁻ B, (Argent metric method)	250	1000
10	Fluoride as (F)	mg/L max	0.51	APHA 23 rd Ed.2017-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
11	Nitrate as (NO ₃)	mg/L max	4.36	APHA 23 rd Ed.2017-4500 NO ₃ ⁻ B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
12	Iron as (Fe)	mg/L max	0.03	APHA 23 rd Ed.2017-3500 Fe B, (1,10-phenanthroline method)	1.0	No relaxation
13	Arsenic as (As)	µg/L max	BDL	IS : 3025(part-2)-2004	10	No relaxation

Remarks:- The Submitted sample of water confirm to IS – 10500 with respect to above test.

Specific contractual notes: -

- ◆ The results listed refer only to the tested sample and applicable parameter.
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ This report can not be reproduced, except when in full, without the written permission of the Lab In-charge
- ◆ Tested Sample shall be retained up to Twenty One Days from the date of issue of the certificate.
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ NOTE:- BDL=Below Detection Limit / DL=Detection Limit

(Section In-charge)
Chemical Section


 Authorised Signatory
 (Technical Manager)

STATE LEVEL WATER TESTING LABORATORY,
DW&S Dept. Jharkhand, Ranchi.

BACTERIOLOGICAL TEST

Source:- Ground water

Sample Provided by:- To the Principal,
Montfort School, Hathiagonda,
Ranchi, Jharkhand – 834008.

Date of sample received in State laboratory: - 03/10/2019

Location: - Sample No. – 01 – Drinking water.

		Value in ppm (mg/l)	BIS-91&2012(S.R)
S.N.	Testing parameters	Sample no.01	Permissible limit (mg/l)
01.	MPN(100/ml) Bacteriological Test	Nil	Nil

Remarks: - The Submitted sample of water confirm to IS – 10500 with respect to above Bacteriological test.

10/10/19
Technical Manager
State Level Water Testing Laboratory
D.W. & S. Deptt., Hinoo, Ranchi