

पत्रांक :- 118(SLWTL/2021-22) 001 दिनांक:- 29/6/2021

प्रेषक,

Technical Manager
राज्य स्तरीय जल जाँच प्रयोगशाला,
पेय जल एवं स्वच्छता विभाग, राँची, झारखण्ड ।

सेवा में,

The Principal,
St. Michael's School,
Jajpur, Soparom, Itki Road, Ranchi (Jharkhand).

विषय:- जल जाँच के संबंध में।

प्रसंग:- Ref. No. – SMS/2020-21/231, दिनांक – 15/03/2021

महाशय,

उपरोक्त विषय एवं प्रासंगिक पत्र के संदर्भ में कहना है कि दिनांक – 23/06/2021 को आपके द्वारा दिया गया जल नमूना का रासायनिक एवं जैविक जाँच समपन्न कर जल जाँच प्रतिवेदन आपको समर्पित किया जा रहा है।


अनुलग्नक :- 03 अदद।

विश्वासगाजन

L. L. 29/6/2021

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला, राँची।




Principal
St. Michael's School
Jajpur, Soparom, Itki Road
Ranchi

For St. Michael's School

Rajat Behl
Executive Director

State Level Water Testing Laboratory, Ranchi, Jharkhand

	TEST ANALYSIS REPORT	Doc No.: SLWTL-QP-4-F31 Issue No.: 01 Revision No.: 00 Date : 05.03.2020
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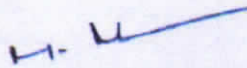
Issued to :- The Principal, St. Michael's School, Jajpur, Soparom, Itki Road, Ranchi (Jharkhand). Sample No. :- 01 – Drinking Water.	Sample Code: - 210623-GW-A-005 Report ID :- TC735121000000569F Date of Issue: - 29/06/2021 Customer Reference No. :- SLR/CLR/JUNE-21/026
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Sample Particulars	Details of Sampling
Sample Name/Description: - Ground Water. Sample Quantity : - 1 Lit. Sample pkg. Condition : - Good.	Date of sampling : -N/A Sample Received date: - 23/06/2021 Sample collected by: - Customer Sampling Location: - Final Outlet
Discipline: Chemical	

Test started on: - 23/06/2021		Test completed on :- 28/06/2021					
Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	Acceptable Limit	Permissible Limit (In Absence of Alternate source)
01	Arsenic as As	µg/L max	BDL	IS : 3025(part-37)-1988, (Silver Diethyldithiocarbamate SDDC-method)	10	No relaxation	

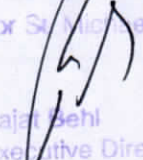
Specific contractual notes: -

- 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 Fifteen 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.




**Authorised Signatory
(Technical Manager)**

—End of the Report—


Principal
 St. Michael's School
 Jajpur, Soparom, Itki Road
 Ranchi

For St. Michael's School

Rajat Behl
 Executive Director

State Level Water Testing Laboratory, Ranchi, Jharkhand

	TEST ANALYSIS REPORT	Doc No.: SLWTL-QP-4-F31 Issue No.: 01 Revision No.: 00 Date :05.03.2020	 Certificate No. - TC - 7351
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Issued to :- The Principal, St. Michael's School, Jajpur, Soparom, Itki Road, Ranchi (Jharkhand). Sample No. :- 01 - Drinking Water.	Sample Code: - 210623-GW-A-005 Report ID: - TC735121000000569F Date of Issue: - 29/06/2021 Customer Reference No. :- SLR/CLR/JUNE-21/026
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Sample Particulars	Details of Sampling
Sample Name/Description: - Ground Water. Sample Quantity: - 1 Lit. Sample pkg. Condition: - Good.	Date of sampling: -N/A Sample Received date: - 23/06/2021 Sample collected by: - Customer Sampling Location: - Final Outlet

Discipline: Chemical

Test started on: - 23/06/2021 Test completed on: - 28/06/2021

Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS 10500:2012 (Second Revision) Amendment - June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH	-	7.89	APHA 23 rd Ed.2017-4500-11 B. (Electrometric method)	6.5 - 8.5	No relaxation
2	Total Dissolved Solids at 180 ^o C	mg/L max	188	APHA 23 rd Ed.2017-2540 C. (Total Dissolved Solids Dried at 180 ^o C)	500	2000
3	Turbidity	NTU max	0.3	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/L max	96	APHA 23 rd Ed.2017-2320 B. (Titration method)	200	600
6	Total Hardness as CaCO ₃	mg/L max	156	APHA 23 rd Ed.2017-2340 C. (EDTA Titration method)	200	600
7	Calcium as Ca	mg/L max	49.60	APHA 23 rd Ed.2017-3500 Ca B. (EDTA Titration method)	75	200
8	Magnesium as Mg	mg/L max	7.78	APHA 23 rd Ed.2017-3500-Mg B. (Calculation method)	30	100
9	Chloride as Cl	mg/L max	9.99	APHA 23 rd Ed.2017-4500 Cl B. (Argentometric method)	250	1000
10	Fluoride as F	mg/L max	0.70	APHA 23 rd Ed.2017-4500 F C. (Ion selective electrode method)	1.0	1.50
11	Nitrate as NO ₃	mg/L max	0.98	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	-	IS : 3025(part-2)-2004	10	No relaxation

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

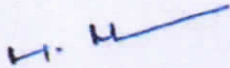
Specific contractual notes: -

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- The liability of the laboratory is limited to the invoiced amount.
- All disputes are subjected to the Ranchi Jurisdiction.
- NOTE:-BPL - BOD Collection Limit.



Principal
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 Jajpur, Soparom, Itki Road
 Ranchi

For St. Michael's School

Rajat Behl
 Executive Director


Authorised Signatory
 (Technical Manager)

State Level Water Testing Laboratory, Ranchi, Jharkhand

	TEST ANALYSIS REPORT	Doc No.: SLWTL-QP-4-F31 Issue No.: 01 Revision No.: 00 Date : 05.03.2020
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Issued to :- The Principal, St. Michael's School, Jajpur, Soparom, Itki Road, Ranchi (Jharkhand). Sample No. :- 01 – Drinking Water.	Sample Code: - 210623-GW-A-005 Report ID :- TC735121000000569F Date of Issue: - 29/06/2021 Customer Reference No. :- SLR/CLR/JUNE-21/026
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Sample Particulars	Details of Sampling
Sample Name/Description: - Ground Water. Sample Quantity : - 1 Lit. Sample pkg. Condition : - Good.	Date of sampling : -N/A Sample Received date: -23/06/2021 Sample collected by: - Customer Sampling Location: - Final Outlet

Discipline: Biological		Test started on: - 23/06/2021		Test completed on :- 28/06/2021	
Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS 10500:2012 (Second Revision) Amendment – June 2015
					Acceptable Limit
1	Total Coliform	CFU/100mL	Nil	APHA 23 rd Ed.2017-9222 B (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample
2	Thermotolerant (Fecal) Coliform/ <i>E.coli</i>	CFU/100mL	-	APHA 23 rd Ed.2017-9222 D (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample

Remarks:- The submitted sample of water confirm to IS – 10500 with respect to above test.
 Specific contractual notes: -

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- ◆ Tested Sample shall be retained up to Fifteen 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;TNTC = Too Numerous To Count.


 Authorised Signatory
 (Technical Manager)

---End of the Report---


 Principal
 St. Michael's School
 Jajpur, Soparom, Itki Road
 Ranchi


 For St. Michael's School
 Rajal Behl
 Executive Director