

पत्रांक :- 463 (SLWTL/2022-23)001 दिनांक:- 30/1/2023

प्रेषक,

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला,

पेय जल एवं स्वच्छता विभाग, राँची, झारखण्ड।

सेवा में,

R.B. Springdale (P) School,

Aff. To C.B.S.E, New Delhi. Aff. no:- 3430324,

Bhonda, Patratoli, Ratu, Ranchi.

विषय:- जल जाँच के संबंध में।

प्रसंग:- पत्रांक — Ref. No. RBSPS/01/22-23,

दिनांक — 17/01/2023

महाशय,

उपरोक्त विषय एवं प्रासंगिक पत्र के संदर्भ में कहना है कि दिनांक — 17/01/2023 को आपके द्वारा दिया गया जल नमूनों का रासायनिक एवं जैविक जाँच समपन्न कर जल जाँच प्रतिवेदन आपको समर्पित किया जा रहा है।


अनुलग्नक :- 03 अदद।

विश्वासभाजन

30/1/2023

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला, राँची।


Chairman
R.B. Springdale (P) School
Ranchi

State Level Water Testing Laboratory, Ranchi, Jharkhand



TEST ANALYSIS REPORT

Doc No.: SLWTL-QP-4-F31

Issue No.: 01

Revision No.: 01

Date :18.02.2022



TC-7351

Issued to: - R.B. Springdale (P) School,
Bhonda, Patratoli, Ratu, Ranchi.

Sample No.: - 01 – Boring Water.

Sample Code: - 230117-GW-A-002

ULR NO.: - TC73512300000046P(A)

Date of Issue: - 30/01/2023

Customer Reference No.: - SLR/CLR/JANUARY -23/025

Sample Particulars

Sample Name/Description: - Ground Water.

Sample Quantity: - 1 Lit.

Sample pkg. Condition: - Good.

Details of Sampling

Date of sampling: -N/A

Sample Received date: - 17/01/2023

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Chemical

Test started on: - 17/01/2023

Test completed on :-

28/01/2023

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	-	7.49	APHA 23 rd Ed.2017-4500-H ⁺ B, (Electrometric method)	6.5 – 8.5	No relaxation
2	Total Dissolved Solids at 180° C	mg/L max	242	APHA 23 rd Ed.2017-2540 C, (Total Dissolved Solids Dried at 180° C)	500	2000
3	Turbidity	NTU max	1.1	APHA 23 rd Ed.2017-2130 B, (Nephelometric method)	1	5
4	Odour	-	Agreeable	IS 3025 (Part-5)	Agreeable	Agreeable
5	Taste	-	Agreeable	IS 3025 (Part-7) (Taste Threshold)	Agreeable	Agreeable
6	Colour	Hazen unit	5	APHA 23 rd Ed.2017-2120 B, (Visual Comparison method)	5	15
7	Total Alkalinity as CaCO ₃	mg/L max	108	APHA 23 rd Ed.2017-2320 B, (Titration method)	200	600
8	Total Hardness as CaCO ₃	mg/L max	204	APHA 23 rd Ed.2017-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	60.8	APHA 23 rd Ed.2017-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	12.63	APHA 23 rd Ed.2017-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	77.97	APHA 23 rd Ed.2017-4500 Cl ⁻ B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	0.09	APHA 23 rd Ed.2017-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
13	Nitrate as NO ₃	mg/L max	8.93	APHA 23 rd Ed.2017-4500 NO ₃ ⁻ B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
14	Iron as Fe	mg/L max	0.03	APHA 23 rd Ed.2017-3500 Fe B, (1,10-phenanthroline method)	1.0	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 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)

Chairman

R.B. Springdale (P) School

-----End of the Report-----

Technical Manager
State Level Water Testing Laboratory
D.W. & S. Dentt., Hinoo, Ranchi

State Level Water Testing Laboratory, Ranchi, Jharkhand



TEST ANALYSIS REPORT

Doc No.: SLWTL-QP-4-F31
Issue No.: 01
Revision No.: 01
Date :18.02.2022



TC-7351

Issued to: - R.B. Springdale (P) School,
Bhonda, Patratoli, Ratu, ranchi.

Sample No.: - 01 – Boring Water.

Sample Code: - 230117-GW-A-002

ULR NO. : - TC735123000000046P(B)

Date of Issue: – 30/01/2023

Customer Reference No. : - SLR/CLR/JANUARY -23/025

Sample Particulars

Sample Name/Description: - Ground Water.

Sample Quantity: - 1 Lit.

Sample pkg. Condition: - Good.

Details of Sampling

Date of sampling : -N/A

Sample Received date: - 17/01/2023

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Chemical - Residues in Water

Test started on: - 17/01/2023

Test completed on :-

28/01/2023

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) (Silver Diethyldithiocarbamate method)	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 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-----

Technical Manager
State Level Water Testing Laboratory
D.W. & S. Deptt., Hino, Ranchi

Chairman
R.B. Springdale (P) School
Ranchi

State Level Water Testing Laboratory, Ranchi, Jharkhand



TEST ANALYSIS REPORT

Doc No.: SLWTL-QP-4-F33
Issue No.: 01
Revision No.: 01
Date : 18.02.2022

Issued to: - R.B. Springdale (P) School,
Bhonda, Patratoli, Ratu, Ranchi.

Sample Code: - 230117-GW-A-002

Date of Issue: - 30/01/2023

Sample No.: - 01 - Boring Water.

Customer Reference No. : - SLR/CLR/ JANUARY -23/025

Sample Particulars

Sample Name/Description: - Ground Water.

Sample Quantity: - 1 Lit.

Sample pkg. Condition: - Good.

Details of Sampling

Date of sampling : -N/A

Sample Received date: - 17/01/2023

Sample collected by: - Customer

Sampling Location: - Final Outlet

Discipline: Biological


Test started on: - 17/01/2023

Test completed on :- 18/01/2023

Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015
					Acceptable Limit (In Absence of Alternate source)
1	Total Coliform	CFU/100mL	Nil	APHA 23 rd Ed.2017-9222 B (Membrane Filter Technique) / IS: 1622-1981 (MTD Test)	Shall not be detectable in any 100 mL sample
2	Thermotolerant (Fecal) Coliform/ <i>E.coli</i>	CFU/100mL	Nil	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 except one Parameter total coliform.
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 cannot 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; TNTC = Too Numerous To Count, MTD = Multiple Tube Dilution Test.


 Authorised Signatory
(Quality Manager)

Quality Manager
 State Level Water Testing Laboratory
 D.W. & S. Deptt., Hinoo, Ranchi

—End of the Report—


Chairman
 R.B. Springdale (P) School
 Ranchi

Annexure C

Appendix-XIII

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 107 (Bero)

Dated: 21/06/2023

It is certified that an inspection team headed by En. Dewanand Singh,
(Name of Officers with designation) from Assistant Engineer
(Name of Department/ Office) inspected the D.W. & S. Division Ranchi West,
(Name & Address of the school) on 20/06/23 (date of inspection), checked the water test report submitted by the school and found that the school has potable drinking water for students and staff of the institution and is having provision for running water in the toilets and maintaining hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt. The above is valid for a period of one year from Date of Issue

Signature with Seal:

Name

Designation

Assistant Engineer of
the Govt. Public Health Department (PHED)/
Authorised officer of the Local Body

Name & Address of the Office / Department :

To
Principal
R.B. Springdale (P) School
Hettha patra Toli Ratu Ranchi,

(Name & Address of the Institution)

* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.

Meera Shishoo
Principal
R.B. Springdale (P) School
Ranchi