

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No : 01

Dated : 18/04/24

It is certified that an inspection team headed by Junior Engineer  
Ramchandra Oraon  
(Name of Officers with designation) from Hatia Project Doranda PHED  
Inspected the Jawahar Vidya Mandir, Shyanali Colony Doranda, Ranchi – 834002 on  
...05/04/24... (date of inspection) and on the basis of Water Test Report (Attached)  
bearing no.....71..... dated...18/04/24 of (PHED Lab) certified that the  
Jawahar Vidya Mandir, Shyanali Colony Doranda, Ranchi has safe drinking water facilities  
for the students and members of staff of the institution. School is also maintains the hygienic  
sanitation condition in the school building & the campus as per norms prescribed by the  
Central/ State/ U.T. Govt.

This certificate is valid till ...17/04/25.....

Signature with Seal: Kindo  
Name : Jaya Kindo  
Designation : Assistant Engineer  
Name & Address of the Office / Department: Hatia Project Doranda  
Ranchi

पेयजल एवं स्वच्छता अवर प्रमंडल सं-4  
18/04/24  
अवर प्रमंडल पदाधिकारी  
हरिया योजना, राँची

To  
Jawahar Vidya Mandir,  
Shyanali Colony  
Doranda, Ranchi – 834002

पत्रांक 71

दिनांक 18/04/24

प्रेषक,

सहायक अभियंता,  
पेयजल एवं स्वच्छता अवर प्रमण्डल संख्या-04,  
हटिया योजना, राँची।

सेवा में,

जवाहर विद्या मंदिर श्यामली,  
डोरण्डा, राँची।

विषय:-

Drinking water and Sanitary Condition Certificate निर्गत करने के संबंध में।

प्रसंग:-

कार्यपालक अभियंता, पेयजल एवं स्वच्छता प्रमण्डल, हटिया योजना, राँची का ज्ञापांक-390  
दिनांक 03.04.2024

महाशय,

उपरोक्त विषयक प्रासंगिक पत्र के संदर्भ में सूचित करना है कि दिनांक 05.04.2024 को स्टेट लैब सेम्बल टेकर द्वारा आपके स्कूल से रासायनिक एवं जैविक जाँच हेतु जल नमूने के लिए गए थे। जल जाँच के उपरान्त पाया गया कि जल गुणवत्ता मानक के अनुरूप है एवं पानी पीने योग्य है। बालक एवं बलिकाओं के लिए अलग-अलग शौचालय स्कूल में मौजूद है। एवं स्वच्छता का भी खयाल रखा गया है।

अतः स्कूल पेयजल एवं स्वच्छता मानकों से परिपूर्ण होने से Drinking water and Sanitary Condition Certificate निर्गत किया जा सकता है।

विश्वासभाजन

18/04/24

सहायक अभियंता डल पदाधिकारी

पेयजल एवं स्वच्छता अवर प्रमण्डल सं०-04  
हटिया योजना, राँची

18/04/24

पत्रांक :- 23 (SLWTL/2024-25) 001 दिनांक:- 18/4/2024

प्रेषक,

Technical Manager

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

सेवा में,

अवर प्रमण्डल पदाधिकारी,  
पेयजल एवं स्वच्छता अवर प्रमण्डल संख्या-04,  
हटिया योजना, राँची।

विषय:- जल जाँच के संबंध में।

प्रसंग:- पत्रांक -63,

दिनांक -06/04/2024

महाशय,

उपरोक्त विषय एवं प्रासंगिक पत्र के संदर्भ में कहना है कि दिनांक - 06/04/2024 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

L. L. 18/4/2024

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला, राँची।

## State Level Water Testing Laboratory, Ranchi, Jharkhand

	<b>TEST ANALYSIS REPORT</b>	Doc No.: SLWTL-QP-4-F31 Issue No.: 01 Revision No.: 01 Date :18.02.2022
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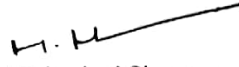
Issued to: - S.D.O., D W & S Sub-Division No. - 04, Hatia Yojna, Ranchi.	Sample Code: - 240406-GW-A-001 Date of Issue: 18/04/2024
Sample No.: - 01- Jawahar Vidya Mandir School, Shayamali, Ranchi. Source: - Raw Water.	Customer Reference No. : - SLR/CLR/APRIL -24/009

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: - 06/04/2024 Sample collected by: - Customer Sampling Location: - Final Outlet

Discipline: Chemical					16/04/2024	
Test started on: -		06/04/2024		Test completed on :-		
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	-	6.90	APHA 23 <sup>rd</sup> Ed.2017-4500-H <sup>+</sup> B, (Electrometric method)	6.5 - 8.5	No relaxation
2	Total Dissolved Solids at 180 <sup>o</sup> C	mg/L max	368	APHA 23 <sup>rd</sup> Ed.2017-2540 C, (Total Dissolved Solids Dried at 180 <sup>o</sup> C)	500	2000
3	Turbidity	NTU max	0.2	APHA 23 <sup>rd</sup> 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 <sup>rd</sup> Ed.2017-2120 B, (Visual Comparison method)	5	15
7	Total Alkalinity as CaCO <sub>3</sub>	mg/L max	156	APHA 23 <sup>rd</sup> Ed.2017-2320 B, (Titration method)	200	600
8	Total Hardness as CaCO <sub>3</sub>	mg/L max	232	APHA 23 <sup>rd</sup> Ed.2017-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	60.8	APHA 23 <sup>rd</sup> Ed.2017-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	19.92	APHA 23 <sup>rd</sup> Ed.2017-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	61.10	APHA 23 <sup>rd</sup> Ed.2017-4500 Cl <sup>-</sup> B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	0.10	APHA 23 <sup>rd</sup> Ed.2017-4500 F <sup>-</sup> C, (Ion selective electrode method)	1.0	1.50
13	Nitrate as NO <sub>3</sub>	mg/L max	7.58	APHA 23 <sup>rd</sup> Ed.2017-4500 NO <sub>3</sub> <sup>-</sup> B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
14	Iron as Fe	mg/L max	0.05	APHA 23 <sup>rd</sup> 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)**

-----End of the Report-----  
 Technical Manager  
 State Level Water Testing Laboratory  
 D W & S Sub-Division No. - 04, Hatia Yojna, 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

Issued to: - S.D.O.,  
 D W & S Sub-Division No. - 04, Hatia Yojna, Ranchi.  
 Sample No.: - 01 - Jawahar Vidya Mandir School, Shayamali, Ranchi.  
 Source: - Raw Water.

Sample Code: - 240406-GW-A-001  
 Date of Issue: 18/04/2024  
 Customer Reference No. : - SLR/CLR/APRII. -24/009

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: - 06/04/2024 Sample collected by: - Customer Sampling Location: - Final Outlet

Discipline: Chemical - Residues in Water

Test started on: - 06/04/2024

Test completed on :-

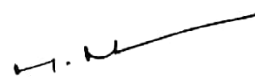
16/04/2024

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)**

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

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

# State Level Water Testing Laboratory, Ranchi, Jharkhand

	<b>TEST ANALYSIS REPORT</b>	Doc No.: SLWTL-QP-4-F31 Issue No.: 01 Revision No.: 01 Date : 18.02.2022
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Issued to: - S.D.O., D W & S Sub-Division No. - 04, Hatia Yojna, Ranchi. Sample No.: - 01- Jawahar Vidya Mandir School, Shayamali, Ranchi. Source: - Raw Water.	Sample Code: - 240406-GW-A-001 Date of Issue: 18/04/2024 Customer Reference No. : - SLR/CLR/APRIL -24/009
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Sample Particulars	Details of Sampling
Sample Name/Description: - Ground Water. Sample Quantity: - 500 ml Sample pkg. Condition: - Good.	Date of sampling : -N/A Sample Received date: - 06/04/2024 Sample collected by: - Customer Sampling Location: - Final Outlet

**Discipline: Biological**

Test started on: -	06/04/2024	Test completed on :-	08/07/2024			
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	Total Coliform	CFU/100mL	<1	APHA 23 <sup>rd</sup> Ed.2017-9222 B (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample	
2	Thermotolerant (Fecal) Coliform	CFU/100mL	<1	APHA 23 <sup>rd</sup> Ed.2017-9222 D (Membrane Filter Technique)	Shall not be detectable in any 100 mL sample	

Remarks: - The submitted sample of water confirms 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 cannot be reproduced, except when in full, without the written permission of the Section- In-charge.
- ◆ Tested sample shall be retained up to seven 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.
- ◆ Customer asked for above test only.
- ◆ NOTE: - TNTC = Too Numerous To Count.



**Authorised Signatory**  
 (Arti Kumari)

----End of the Report---