

पत्रांक 400 पटना / दिनांक 05/08/2025

प्रेषक,

शोध पदाधिकारी
(वरीय अनुसंधान पदाधिकारी)
राज्य स्तरीय जल जाँच प्रयोगशाला,
छज्जुबाग, पटना।

सेवा में,

Principal,
Comenius World School
Bihta Sarmera Road, SH-78,
Near Pipra Police Station,
Village-Basiyawan, P.O.- Kalyanpur,
Punpun, Patna - 804453

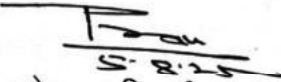
विषय :- जल जाँच प्रतिवेदन निर्गत करने के संबंध में।

महाशय,

उपरोक्त विषय पत्र के आलोक में कुल 01 अदद जल नमूना सभी पारामीटर जाँच हेतु राज्य स्तरीय जल जाँच प्रयोगशाला द्वारा जल संग्रह किया गया था। जिसके आलोक में जल जाँच कर जाँचोपरांत जाँच प्रतिवेदन इस पत्र के साथ संलग्न कर भेजी जा रही है।

अनु० :- यथोपरि।

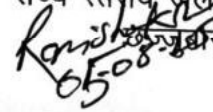
विश्वासभाजन





शोध पदाधिकारी

(वरीय अनुसंधान पदाधिकारी)

राज्य स्तरीय जल जाँच प्रयोगशाला,
छज्जुबाग, पटना।


05/08/25

	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02	 TC-15876
		Issue No.: 379	
	TEST REPORT	Issue Date: 01.08.2025	

Report No: SLWTL/2025/GW-12853	ULR No.: TC158762500000379F	Date of Reporting: 01.08.2025
Name of the Organisation/Person: Comenius World School		
Location Details: Bihta Sarmera Road, SH-78, Near Pipra Police Station, Village-Basiyawan, P.O.- Kalyanpur, Punpun, Patna – 804453		
Ref Memo No: Nil	Sample Received on: 29.07.2025	
Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15") : Yes		
Type of Sample: Ground Water	Source of Sample: Boring Water	
Volume of Sample: 1 Ltr.	Type of Container: Plastic	
Mode of Preservation: Preserved	Sample Condition: Sealed	
Deviation of Method , If Any: NIL	Date of Sampling: 29.07.2025	
Date of Analysis Started: 29.07.2025	Date of Analysis Completed: 31.07.2025	
Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.		

Sl. No.	Parameters	Minimum Detection Limit	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters	Results
1	pH Value	2.0	6.5-8.5	No relaxation	4500-H+B, APHA 24 th Ed. 2023	6.73
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24 th Ed. 2023	<1.0
3	Conductivity, μ mhos/cm	5.0	-	-	2510 B, APHA 24 th Ed. 2023	443.70
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	288.00
5	Total Hardness (as CaCO ₃), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	192.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	40.08
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	22.35
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	11.99
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	246.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.25
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO ₃ B, APHA 24 th Ed. 2023	<0.5
12	Sulphate (as SO ₄), mg/l	5.0	200	400	4500-SO ₄ ²⁻ E, APHA 24 th Ed. 2023	13.70
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.49
14	Arsenic (as As), mg/l	0.010	0.01	No relaxation	3500-As B, APHA 24 th Ed. 2023	<0.010

Note: * (i) Drinking Water Specification Second Revision -IS: 10500:2012., ND=Not Done, NR=Not Required.

Ravishankar
01-08-25
(Ravi Shankar)

Signature of Lab-In-charge

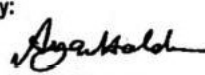
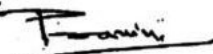
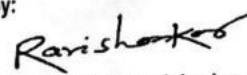
Copy forwarded to: (i) S.R.O , PHED, Govt. of Bihar.


Lab-In-charge
SLWTL, P.H.E.D, Patna

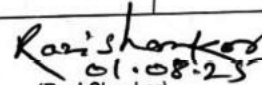
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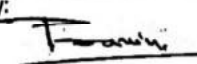
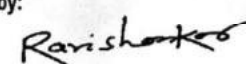
1. The results are reported based on the materials received. 2. Sample will be destroyed after 15 Days from the date of issue of the test report subject to nature of preparation unless otherwise specified. 3. Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of the competent authority of the Laboratory.

----- END OF TEST REPORT -----

Prepared by:  Quality Manager	Approved by:  S.R.O cum Technical Manager	Issued by:  Research Assistant cum Lab-in-charge	Page 1 of 2 Revision No.: 0 Revision Date: Nil
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	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02
	TEST REPORT	Issue No.: 379
		Issue Date: 01.08.2025

Report No: SLWTL/2025/GW-12853		Date of Reporting: 01.08.2025				
Name of the Organisation/Person: Comenius World School						
Location Details: Bihta Samera Road, SH-78, Near Pipra Police Station, Village-Basiyawan, P.O.- Kalyanpur, Punpun, Patna – 804453						
Ref Memo No: Nil		Sample Received on: 29.07.2025				
Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"): Yes						
Type of Sample: Ground Water		Source of Sample: Boring Water				
Volume of Sample: 250 ml.		Type of Container: Plastic				
Mode of Preservation: Preserved		Sample Condition: Sealed				
Deviation of Method, If Any: NIL		Date of Sampling: 29.07.2025				
Date of Analysis Started: 29.07.2025		Date of Analysis Completed: 31.07.2025				
Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.						
Sl. No.	Parameters	Minimum Detection Limit	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters	Results
1	Manganese (as Mn), mg/l, Max	0.01	0.10	0.30	IS, 3025 (Part 59)	<0.01
2	Coliform Organisms, MPN/100ml	--	--	**	M-Test-Tube Technique	Absent
Note: * (i) Drinking Water Specification Second Revision -IS: 10500:2012., ND=Not Done, NR=Not Required. ** Shall not be detectable in any 100 ml sample						
Copy forwarded to: (i) S.R.O, PHED, Govt. of Bihar.					 (Ravi Shankar) Signature of Lab-In-charge	
					Lab-in-charge SLWTI PHED, Patna Received By	
1. The results are reported based on the materials received. 2. Sample will be destroyed after 15 Days from the date of issue of the test report subject to nature of preparation unless otherwise specified. 3. Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of the competent authority of the Laboratory.						
----- END OF TEST REPORT -----						

Prepared by:  Quality Manager	Approved by:  S.R.O cum Technical Manager	Issued by:  Research Assistant cum Lab-in-charge	Page 2 of 2 Revision No.: 0 Revision Date: Nil
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