

पत्रांक 130 पटना / दिनांक 10/2/2026

प्रेषक,

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

सेवा में,

Principal
Patmer School
Khervynpur, Chandmari,
Shahpur, Danapur,
Patna - 801503

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

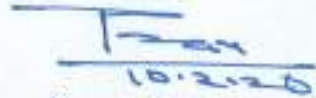
प्रसंग :- आपका पत्रांक - Pat-528/01/26 दिनांक - 21.01.2026

महाशय,

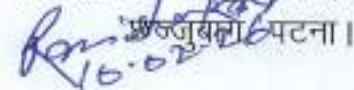
उपरोक्त प्रासंगिक पत्र के आलोक में कुल 01 अदद जल नमूना का सभी पारामीटर जाँच हेतु भेजा गया था। जाँचोपरांत जाँच प्रतिवेदन संलग्न कर भेजी जा रही है।

अनु० :- यथोपरि।

विश्वासभाजन



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





**STATE LEVEL WATER TESTING LABORATORY
P.H.E.D., GOVERNMENT OF BIHAR**

Format No.: SLWTL/FRM/02

Issue No.: 83

Issue Date: 09.02.2026



TC-15876

TEST REPORT

Report No: SLWTL/2026/GW 1190	ULR No.- TC158762600000083F	Date of Reporting: 09.02.2026
Name of the Organisation/Person: Patmer School		
Location Details: Khervynpur, Chandmari, Shahpur, Danapur, Patna - 801503		
Ref Memo No: Pat - 528/01/26 Dated - 21.01.2026	Sample Received on: 29.01.2026	
Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"): No		
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: 29.01.2026	
Date of Analysis Started: 30.01.2026	Date of Analysis Completed: 07.01.2026	
Remarks: Water Sample 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	7.36
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	647.80
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	422.00
5	Total Hardness (as CaCO ₃), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	281.52
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	59.31
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	31.10
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	25.99
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	256.76
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.10
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO ₃ B, APHA 24 th Ed. 2023	31.10
12	Sulphate (as SO ₄), mg/l	5.0	200	400	4500-SO ₄ E, APHA 24 th Ed. 2023	15.40
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.48
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
09.02.26
(Ravi Shankar)

Signature of Lab. In-charge
Lab. In-charge
SLWTL PHED, Patna

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

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: <i>Agasthald</i> Quality Manager	Approved by: <i>Frankin</i> S.R.O cum Technical Manager	Issued by: <i>Ravishankar</i> 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

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TEST REPORT

Issue Date: 09.02.2026

Report No: SLWTL/2025/GW 1190

Date of Reporting: 09.02.2026

Name of the Organisation/Person: Patmer School

Location Details: Khervynpur, Chandmari, Shalipur, Danapur, Patna - 801503

Ref Memo No: Pat - 528/01/26 Dated - 21.01.2026

Sample Received on: 29.01.2026

Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"): No

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: 29.01.2026

Date of Analysis Started: 30.01.2026

Date of Analysis Completed: 07.02.2026

Remarks: Water Sample 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

Ravi Shankar
09.02.26
(Ravi Shankar)

Signature of Lab-In-charge

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

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

Prepared by:

Ajay Khatun
Quality Manager

Approved by:

Francis
S.R.O cum Technical Manager

Issued by:

Ravi Shankar
Research Assistant cum Lab-in-charge

Page 2 of 2

Revision No.: 0

Revision Date: Nil