

पत्रांक 684 पटना / दिनांक 18.7.2026

प्रेषक,

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

सेवा में,

Principal,
Bal Vidya Niketan
Mohiuddinpur, Masaurhi,
Patna - 804452

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

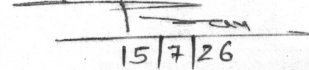
प्रसंग :- आपका पत्रांक - BVN/MAS/76/2026, दिनांक - 06.07.2026

महाशय,

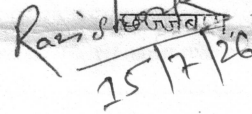
उपरोक्त प्रासंगिक पत्र के आलोक में कुल 01 अदद जल नमूना का सभी पारामीटर जाँच हेतु राज्य स्तरीय जल जाँच प्रयोगशाला द्वारा जल संग्रह किया गया था। जिसके आलोक में जल जाँच कर जाँचोपरांत जाँच प्रतिवेदन इस पत्र के साथ संलग्न कर भेजी जा रही है।

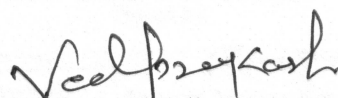
अनु० :- यथोपरि।

विश्वासभाजन


15/7/26

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


15/7/26


Secretary
BAL VIDYA NIKETAN
Mohiuddinpur, Masaurhi



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

Format No.: SLWTL/FRM/02

Issue No.: 310

Issue Date: 15.07.2026



TC-15876

TEST REPORT

Report No: SLWTL/2026/GW-11049	ULR No.- TC158762500000310F	Date of Reporting: 15.07.2026				
Name of the Organisation/Person: Bal Vidya Niketan						
Location Details: Mohiuddinpur, Masaurhi, Patna – 804452						
Ref Memo No: BVN/MAS/76/2026, Dated- 06.07.2026	Sample Received on: 06.07.2026					
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: R.O 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: 06.07.2026					
Date of Analysis Started: 06.07.2026	Date of Analysis Completed: 13.07.2026					
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	7.02
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	165.50
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	108.00
5	Total Hardness (as CaCO_3), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	72.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	19.23
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	5.83
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	7.99
9	Alkalinity (as CaCO_3), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	74.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	<0.01
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	9.00
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.83
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.						
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 -----						

Ravi Shankar
15/7/26
(Ravi Shankar)

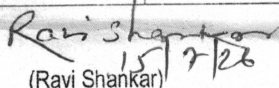
Signature of Lab-in-charge
SLWTL PHED Patna

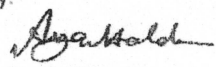
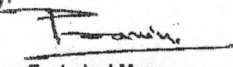
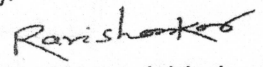
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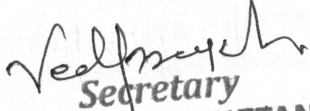
Prepared by: Quality Manager	Approved by: S.R.O cum Technical Manager	Issued by: Research Assistant cum Lab-in-charge	Page 1 of 2 Revision No.: 0 Revision Date: Nil
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Secretary
BAL VIDYA NIKETAN
Mohiuddinpur, Masaurhi

	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02
		Issue No.: 310
	TEST REPORT	Issue Date: 15.07.2026

Report No: SLWTL/2026/GW-11049		Date of Reporting: 15.07.2026				
Name of the Organisation/Person: Bal Vidya Niketan						
Location Details: Mohiuddinpur, Masaurhi, Patna – 804452						
Ref Memo No: BVN/MAS/76/2026, Dated- 06.07.2026		Sample Received on: 06.07.2026				
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: R.O 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: 06.07.2026				
Date of Analysis Started: 06.07.2026		Date of Analysis Completed: 13.07.2026				
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 SLWTL 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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Secretary
BAL VIDYA NIKETAN
 Mohiuddinpur, Masaurhi