

पत्रांक 225. पटना / दिनांक 3.6.25

प्रेषक,

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

सेवा में,

Principal,
Meridian International School
R.K. Puram, Danapur,
Khagaul Road, Saguna More,
Patna

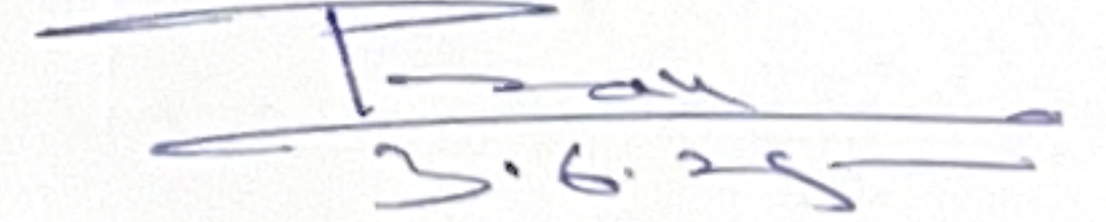
विषय :- जल जाँच प्रतिवेदन निर्गत करने के संबंध में।

महाशय,



उपरोक्त विषय 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 आवश्यक कार्रवाई हेतु भेजी जा रही है।

अनु० :- यथोपरि।

विश्वासभाजन



शोध पदाधिकारी
(वरीय अनुसंधान पदाधिकारी)
राज्य स्तरीय जल जाँच प्रयोगशाला,
छज्जुबाग, पटना।
03.06.25

	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02	 TC-15876
		Issue No.: 162	
	TEST REPORT		

Report No: SLWTL/2025/GW-7002	ULR No.- TC1587625000000162F	Date of Reporting: 27.05.2025
Name of the Organisation/Person: Meridian International School		
Location Details: R.K. Puram, Danapur, Khagaul Road, Saguna More, Patna		
Ref Memo No: Nil	Sample Received on: 13.05.2025	
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: 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: 13.05.2025	
Date of Analysis Started: 13.05.2025	Date of Analysis Completed: 26.05.2025	

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	7.12
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	167.90
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	48.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	14.42
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	2.91
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	9.99
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	40.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.34
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	6.40
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.11
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.

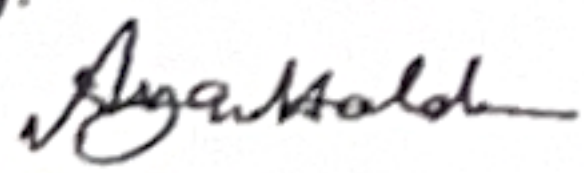
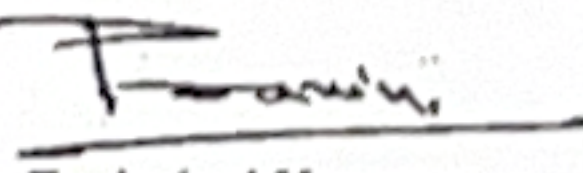
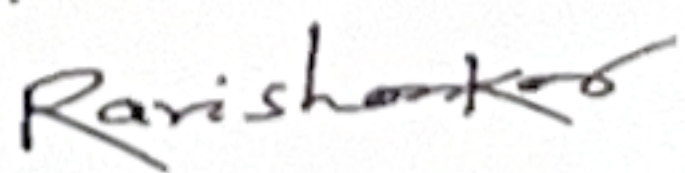

 (Ravi Shankar)
 Signature of Lab-In-charge

Copy forwarded to: (i) S.R.O , PHED, Govt. of Bihar, (ii) Engineer-in-Chief, PHED, Govt. of Bihar

Lab-In-charge
SLWTL, P.H.E.D., 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 1 of 2
			Revision No.: 0
			Revision Date: Nil



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

Format No.: SLWTL/FRM/02

Issue No.: 162

TEST REPORT

Issue Date: 27.05.2025

Report No: SLWTL/2025/GW-7002

Date of Reporting: 27.05.2025

Name of the Organisation/Person: Meridian International School

Location Details: R.K. Puram, Danapur, Khagaul Road, Saguna More, Patna

Ref Memo No: Nil

Sample Received on: 13.05.2025

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: 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: 13.05.2025

Date of Analysis Started: 13.05.2025

Date of Analysis Completed: 26.05.2025

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

Ravishankar
27.05.25
(Ravi Shankar)

Signature of Lab-In-charge

Copy forwarded to: (i) S.R.O , PHED, Govt. of Bihar, (ii) Engineer-in-Chief, PHED, Govt. of Bihar

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

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

Prepared by:

Amal Kishor
Quality Manager

Approved by:

Pravin
S.R.O cum Technical Manager

Issued by:

Ravishankar
Research Assistant cum Lab-In-charge

Page 2 of 2

Revision No.: 0

Revision Date: Nil