

पत्रांक 12-8 पटना / दिनांक 4.4.25

प्रेषक,

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

सेवा में,

Principal,
Littera Public School
NH-31, Maujipur-Vikrampur,
Near Chappak Water Park,
Patna - 803201

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

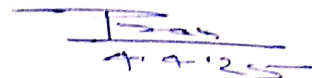
प्रसंग :- आपका पत्रांक - LPS/MB/2425/WTR/01, दिनांक - 01.04.2025

महाशय,

उपरोक्त प्रासंगिक पत्र के आलोक में कुल 02 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,
छज्जुवाग, पटना।

Ravishankar
04.04.25

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

Format No.: SLWTL/FRM/02

Issue No.: 103

TEST REPORT

Issue Date: 04.04.2025

Report No: SLWTL/2025/GW-4831

Date of Reporting: 04.04.2025

Name of the Organisation/Person: Littera Public School

Location Details: NH-31, Maujipur-Vikrampur, Near Chappak Water Park, Patna – 803201

Ref Memo No: LPS/MB/2425/WTR/01, Dated-01.04.2025

Sample Received on: 01.04.2025

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: 1Ltr.

Type of Container: Plastic

Mode of Preservation: Preserved

Sample Condition: Sealed

Deviation of Method, If Any: NIL

Date of Sampling: 01.04.2025

Date of Analysis Started: 03.04.2025

Date of Analysis Completed: 04.04.2025

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	7.10
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	445.60
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	290.00
5	Total Hardness (as CaCO ₃), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	188.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	41.68
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	20.41
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	19.99
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	240.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.29
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO ₃ B, APHA 24 th Ed. 2023	<1.0
12	Sulphate (as SO ₄), mg/l	5.0	200	400	4500-SO ₄ ²⁻ E, APHA 24 th Ed. 2023	16.90
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.27
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
04.04.25
(Ravi Shankar)

Signature of Lab-in-charge
SLWTL PHED Patna

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

Asghar Hossain
Quality Manager

Approved by:

Franklin
S.R.O cum Technical Manager

Issued by:

Ravishankar
Research Assistant cum Lab-in-charge

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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.: 103
TEST REPORT	Issue Date: 04.04.2025

Report No: SLWTL/2025/GW-4831	Date of Reporting: 04.04.2025
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Name of the Organisation/Person: Littera Public School
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Location Details: NH-31, Maujipur-Vikrampur, Near Chappak Water Park, Patna – 803201
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Ref Memo No: LPS/MB/2425/WTR/01, Dated-01.04.2025	Sample Received on: 01.04.2025
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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
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Volume of Sample: 250 ml.	Type of Container: Plastic
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Mode of Preservation: Preserved	Sample Condition: Sealed
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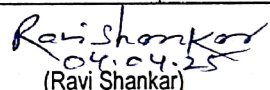
Deviation of Method , If Any: NIL	Date of Sampling: 01.04.2025
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Date of Analysis Started: 03.04.2025	Date of Analysis Completed: 04.04.2025
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Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.
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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

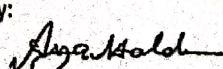
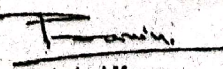
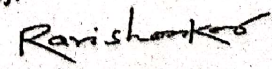
Note: * (i) Drinking Water Specification Second Revision -IS: 10500:2012.,ND=Not Done, NR=Not Required. **Shall not be detectable in any 100 ml sample

Copy forwarded to: (i) S.R.O , PHED, Govt. of Bihar, (ii) Engineer-in-Chief, PHED, Govt. of Bihar <div style="text-align: right;">  (Ravi Shankar) Signature of Lab-In-charge Lab-in-charge SLWTL P.H.E.D. Patna </div>
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----- 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 4 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

Issue No.: 103

TEST REPORT

Issue Date: 04.04.2025

Report No: SLWTL/2025/GW-4832

Date of Reporting: 04.04.2025

Name of the Organisation/Person: Littera Public School

Location Details: NH-31, Maujipur-Vikrampur, Near Chappak Water Park, Patna – 803201

Ref Memo No: LPS/MB/2425/WTR/01, Dated-01.04.2025

Sample Received on: 01.04.2025

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: 1Ltr.

Type of Container: Plastic

Mode of Preservation: Preserved

Sample Condition: Sealed

Deviation of Method, If Any: NIL

Date of Sampling: 01.04.2025

Date of Analysis Started: 03.04.2025

Date of Analysis Completed: 04.04.2025

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	7.34
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	444.30
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	184.00
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	20.41
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	19.99
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	238.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.26
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO ₃ B, APHA 24 th Ed. 2023	<1.0
12	Sulphate (as SO ₄), mg/l	5.0	200	400	4500-SO ₄ ²⁻ E, APHA 24 th Ed. 2023	9.20
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.26
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
04.04.25
(Ravi Shankar)

Signature of Lab-In-charge

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

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

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

Prepared by:

Ajay Khatun
Quality Manager

Approved by:

Franklin
S.R.O cum Technical Manager


Issued by:

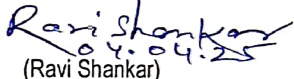
Ravishanker
Research Assistant cum Lab-in-charge

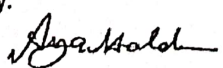
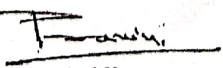
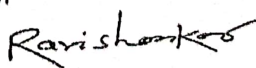
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Revision No.: 0

Revision Date: Nil

	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02
		Issue No.: 103
	TEST REPORT	Issue Date: 04.04.2025

Report No: SLWTL/2025/GW-4832				Date of Reporting: 04.04.2025		
Name of the Organisation/Person: Littera Public School						
Location Details: NH-31, Maujipur-Vikrampur, Near Chappak Water Park, Patna - 803201						
Ref Memo No: LPS/MB/2425/WTR/01, Dated-01.04.2025				Sample Received on: 01.04.2025		
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: 01.04.2025		
Date of Analysis Started: 03.04.2025				Date of Analysis Completed: 04.04.2025		
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, (ii) Engineer-in-Chief, PHED, Govt. of Bihar						Signature of Lab-in-charge  (Ravi Shankar) SLWTL PHED, Patna
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----- 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 4 of 4 Revision No.: 0 Revision Date: Nil
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