

पत्रांक 144 पटना / दिनांक 16/04/2025

प्रेषक,

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

सेवा में,

Principal,  
Infant Jesus School  
Khajekalan, Terhi Ghat,  
Patna - 800008

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

प्रसंग :- आपका पत्रांक - IJSM/2025-2026/3195, दिनांक - 03.04.2025

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।

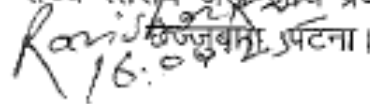
विश्वासमाजन



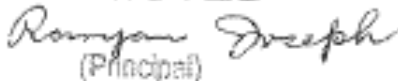
शोध पदाधिकारी

(वरीय अनुसंधान पदाधिकारी)

राज्य स्तरीय जल जाँच प्रयोगशाला,  
छज्जुबाग, पटना।

  
16.04.25

ATTESTED



(Principal)

INFANT JESUS' SCHOOL  
AFF No.-330070/S.C. 65072  
Patna-800008

# Annexure C

## PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 141

Dated: 16-04-2025

It is certified that an inspection team headed by Reetu Raj, A.E.

(Name of Officers with designation) from P.H. Division, Patna East PHED

inspected the Infant Jesus School, Khajekalan, Terhi Ghat, Patna

(Name & Address of the school) on 16-04-2025 (date of inspection) and on the basis of

Water Test Report (Attached) bearing no. 105 dated 12-04-2025

of State Level Water Testing Laboratory (PHED Lab) certified that

the Infant Jesus School (Name of school) has safe drinking water

facilities for the students and members of staff of the institution. School is also maintains the

hygienic sanitation condition in the school building & the campus as per norms prescribed by the

Central/ State/ U.T. Govt.

This certificate is valid till 06 Months.

*Reetu Raj*  
16/4/2025

**ASSISTANT ENGINEER**

Signature with Seal P.H. Sub Division University, Patna

Name

Designation

Name & Address of the Office / Department : P.H. ED.

To Principal

Infant Jesus School, Khajekalan, Terhi Ghat,  
(Name & Address of the Institution) Patna-800008.

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies

**ATTESTED**

*Benjamin Joseph*

(Principal)

INFANT JESUS' SCHOOL

AFF No.-330070/S.C. 85072

Patna-800008



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

Format No.: SLWTL/FRM02

Issue No.: 105

**TEST REPORT**

Issue Date: 12.04.2025

Report No: SLWTL/2025/GW-4844

Date of Reporting: 12.04.2025

Name of the Organisation/Person: Infant Jesus School

Location Details: Khajekalan, Terhi Ghat, Patna - 800008

Ref Memo No: USM/2025-2026/3195, Dated-03.04.2025

Sample Received on: 03.04.2025

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: 03.04.2025

Date of Analysis Started: 04.04.2025

Date of Analysis Completed: 11.04.2025

Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.

Sl. No.	Parameters	Minimum Defection 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 <sup>th</sup> Ed. 2023	6.14
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24 <sup>th</sup> Ed. 2023	<1.0
3	Conductivity, $\mu\text{mhos/cm}$	5.0	-	-	2510 B, APHA 24 <sup>th</sup> Ed. 2023	158.30
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 <sup>th</sup> Ed. 2023	102.00
5	Total Hardness (as $\text{CaCO}_3$ ), mg/l	10.0	200	600	2340 C, APHA 24 <sup>th</sup> Ed. 2023	64.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 <sup>th</sup> Ed. 2023	17.63
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 <sup>th</sup> Ed. 2023	4.86
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 <sup>th</sup> Ed. 2023	7.99
9	Alkalinity (as $\text{CaCO}_3$ ), mg/l	10.0	200	600	2320 B, APHA 24 <sup>th</sup> Ed. 2023	68.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 <sup>th</sup> Ed. 2023	<0.01
11	Nitrate (as $\text{NO}_3$ ), mg/l	0.5	45	No relaxation	4500- $\text{NO}_3$ B, APHA 24 <sup>th</sup> Ed. 2023	<0.5
12	Sulphate (as $\text{SO}_4$ ), mg/l	5.0	200	400	4500- $\text{SO}_4^{2-}$ E, APHA 24 <sup>th</sup> Ed. 2023	<5.0
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 <sup>th</sup> Ed. 2023	<0.2
14	Arsenic (as As), mg/l	0.010	0.01	No relaxation	3500-As B, APHA 24 <sup>th</sup> Ed. 2023	<0.010

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

*Ravi Shankar*  
(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

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:

*Anjali Khatun*  
Quality Manager

Approved by:

*Pravin*  
S.R.O cum Technical Manager

Issued by:

*Ravishankar*  
Research Assistant cum Lab-in-charge

Page 3 of 4

Revision No.: 0

Revision Date: Nil

**ATTESTED**

*Rangan Joseph*  
(Principal)

INFANT JESUS SCHOOL  
AFF No.-330070/S.C. 65072  
Patna-800008



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

Format No.: SLWTL/FRM/02

Issue No.: 105

**TEST REPORT**

Issue Date: 12.04.2025

Report No: SLWTL/2025/GW-4843

Date of Reporting: 12.04.2025

Name of the Organisation/Person: Infant Jesus School

Location Details: Khajekalan, Terhi Ghat, Patna - 800008

Ref Memo No: USIM/2025-2028/3195, Dated-03.04.2025

Sample Received on: 03.04.2025

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: 1Lt.

Type of Container: Plastic

Mode of Preservation: Preserved

Sample Condition: Sealed

Deviation of Method, if Any: NIL

Date of Sampling: 03.04.2025

Date of Analysis Started: 04.04.2025

Date of Analysis Completed: 11.04.2025

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 <sup>th</sup> Ed. 2023	6.95
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24 <sup>th</sup> Ed. 2023	<1.0
3	Conductivity, $\mu$ mhos/cm	5.0	-	-	2510 B, APHA 24 <sup>th</sup> Ed. 2023	522.10
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 <sup>th</sup> Ed. 2023	340.00
5	Total Hardness (as CaCO <sub>3</sub> ), mg/l	10.0	200	600	2340 C, APHA 24 <sup>th</sup> Ed. 2023	172.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 <sup>th</sup> Ed. 2023	38.47
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 <sup>th</sup> Ed. 2023	16.46
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 <sup>th</sup> Ed. 2023	21.96
9	Alkalinity (as CaCO <sub>3</sub> ), mg/l	10.0	200	600	2320 B, APHA 24 <sup>th</sup> Ed. 2023	228.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 <sup>th</sup> Ed. 2023	<0.01
11	Nitrate (as NO <sub>3</sub> ), mg/l	0.5	45	No relaxation	4500-NO <sub>3</sub> B, APHA 24 <sup>th</sup> Ed. 2023	2.94
12	Sulphate (as SO <sub>4</sub> ), mg/l	5.0	200	400	4500-SO <sub>4</sub> <sup>2-</sup> E, APHA 24 <sup>th</sup> Ed. 2023	13.50
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 <sup>th</sup> Ed. 2023	0.52
14	Arsenic (as As), mg/l	0.010	0.01	No relaxation	3500-As B, APHA 24 <sup>th</sup> Ed. 2023	<0.010

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

*Ravi Shankar*  
12.04.25  
(Ravi Shankar)

Signature of Lab-In-charge

Lab-in-charge  
SLWTL PHED Patna

Received By

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:

*Francis*  
S.R.O cum Technical Manager

Issued by:

*Ravishankar*  
Research Assistant cum Lab-in-charge

Page 1 of 4

Revision No.: 0

Revision Date: Nil

**ATTESTED**

*Roger Joseph*  
(Principal)

INFANT JESUS' SCHOOL  
AFF No.-330070/S.C. 65072  
Patna-800008