

# Annexure C

Appendix-XIII

## PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 153

Dated: 22-04-2025

It is certified that an inspection team headed by ..... Reetu Raj, A.E. .....  
(Name of Officers with designation) from P.H. Division, Patna East, Patna.  
(Name of Department/ Office) inspected the Sinha Model High School,  
(Name & Address of the school) on 22-04-2025 (date of inspection), checked the water test report submitted by the school and found that the school has potable drinking water for students and staff of the institution and is having provision for running water in the toilets and maintaining hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.  
The above is valid for a period of 06 Months.

Signature with Seal

Reetu Raj  
22/04/25  
**ASSISTANT ENGINEER**  
PH Sub Division University, Patna

Name

: Reetu Raj

Designation

: Assistant Engineer.

Assistant Engineer of  
the Govt. Public Health Department (PHED)/  
Authorised officer of the Local Body

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

To

Principal  
.....  
Sinha Model High School  
.....  
Dariyapur, Neora, Shahpur, Patna - 801113.  
(Name & Address of the Institution)

\* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.

पत्रांक ..... 149 ..... पटना / दिनांक ..... 21.4.25 .....

प्रेषक,

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

सेवा में,

Principal,  
Sinha Model High School  
Dariyapur, Neora, Shahpur,  
Patna – 801113

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

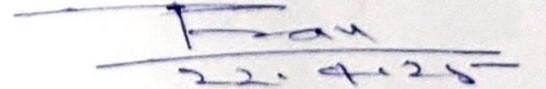
प्रसंग :- आपका पत्रांक – SMHS/370, दिनांक – 09.04.2025

महाशय,

उपरोक्त प्रासंगिक पत्र के आलोक में 01 अदद जल नमूना का सभी पारामीटर (बैक्टीरिया को छोड़कर) जाँच हेतु भेजा गया था। 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।  
Ranjiv Kumar  
22.04.25



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

Format No.: SLWTL/FRM/02

Issue No.: 123

Issue Date: 22.04.2025



TEST REPORT

Report No: SLWTL/2025/GW-5116

ULR No.- TC158762500000123F

Date of Reporting: 22.04.2025

Name of the Organisation/Person: Sinha Model High School

Location Details: Dariyapur, Neora, Shahpur, Patna - 801113

Ref Memo No: SMHS/370, Dated - 09.04.2025

Sample Received on: 17.04.2025

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: 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: 17.04.2025

Date of Analysis Started: 19.04.2025

Date of Analysis Completed: 21.04.2025

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	7.47
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	295.20
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 <sup>th</sup> Ed. 2023	192.00
5	Total Hardness (as CaCO <sub>3</sub> ), mg/l	10.0	200	600	2340 C, APHA 24 <sup>th</sup> Ed. 2023	140.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 <sup>th</sup> Ed. 2023	32.06
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 <sup>th</sup> Ed. 2023	14.58
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 <sup>th</sup> Ed. 2023	15.99
9	Alkalinity (as CaCO <sub>3</sub> ), mg/l	10.0	200	600	2320 B, APHA 24 <sup>th</sup> Ed. 2023	160.00
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	<0.5
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	5.90
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 <sup>th</sup> Ed. 2023	0.31
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.

*Ravishankar*  
22.04.25  
(Ravi Shankar)

Signature of Lab-In-charge

**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:

*Agarwal*  
Quality Manager

Approved by:

*Frank*  
S.R.O cum Technical Manager

Issued by:

*Ravishankar*  
Research Assistant cum Lab-in-charge

Page 1 of 1

Revision No.: 0

Revision Date: Nil