

पत्रांक 381 पटना / दिनांक 05/06/2026

प्रेषक,

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

सेवा में,

Principal,
Sun High School
Saraswati Dham,
Basuhar, Punpun,
Patna – 804453

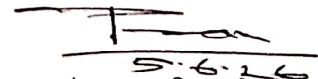
विषय :- जल जाँच प्रतिवेदन निर्गत करने के संबंध में।

महाशय,

उपरोक्त विषयक के आलोक में कुल 01 अदद जल नमूना का सभी पारामीटर जाँच हेतु भेजा गया था। जाँचोपरांत जाँच प्रतिवेदन इस पत्र के साथ संलग्न कर भेजी जा रही है।

अनु० :- यथोपरि।

विश्वासभाजन



शोध पदाधिकारी
(वरीय अनुसंधान पदाधिकारी)
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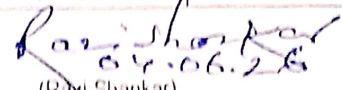
	GOVERNMENT OF BIHAR STATE LEVEL WATER TESTING LABORATORY P.H.E.D., CHAJJUBAGH, PATNA	Format No.: SLWTL/FRM/02 Issue No.: 372 Issue Date: 04.06.2026	 TC-15876
	TEST REPORT		

Report No: SLWTL/2026/GW-6432	ULR No.: TC1587626000000372F	Date of Reporting: 04.06.2026
Name of the Organisation/Person: Sun High School		
Location Details: Saraswati Dham, Basuhat, Purnea, Patna - 804453		
Ref Memo No: Nil	Sample Received on: 26.05.2026	
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: 1Ltr.	Type of Container: Plastic	
Mode of Preservation: Preserved	Sample Condition: Sealed	
Deviation of Method, If Any: Nil	Date of Sampling: 26.05.2026	
Date of Analysis Started: 27.05.2026	Date of Analysis Completed: 03.06.2026	

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 24th Ed. 2023	7.11
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24th Ed. 2023	<1.0
3	Conductivity, $\mu\text{mhos/cm}$	5.0	-	-	2510 B, APHA 24th Ed. 2023	381.10
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24th Ed. 2023	248.00
5	Total Hardness (as CaCO_3), mg/l	10.0	200	600	2340 C, APHA 24th Ed. 2023	168.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24th Ed. 2023	38.47
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24th Ed. 2023	17.49
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24th Ed. 2023	17.99
9	Alkalinity (as CaCO_3), mg/l	10.0	200	600	2320 B, APHA 24th Ed. 2023	181.80
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24th Ed. 2023	<0.01
11	Nitrate (as NO_3), mg/l	0.5	45	No relaxation	4500- NO_3 B, APHA 24th Ed. 2023	<0.5
12	Sulphate (as SO_4), mg/l	5.0	200	400	4500- SO_4 E, APHA 24th Ed. 2023	<5.0
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24th Ed. 2023	0.23
14	Arsenic (as As), mg/l	0.010	0.01	No relaxation	3500-As B, APHA 24th Ed. 2023	<0.010

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

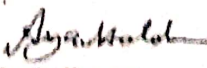
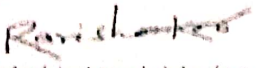
Copy forwarded to: S.R.O, PHED, Govt. of Bihar.


 (Ravi Shankar)
 Signature of 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 1 Revision No.: 0 Revision Date: Nil
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GOVERNMENT OF BIHAR
STATE LEVEL WATER TESTING LABORATORY
P.H.E.D., CHAJJUBAGH, PATNA

TEST REPORT

Format No.: SLWTL/FRM/02

Issue No.: 372

Issue Date: 04.06.2026

Report No: SLWTL/2026/GW-6432-NA

Date of Reporting: 04.06.2026

Name of the Organisation/Person: Sun High School

Location Details: Saraswati Dham, Basuhat, Punpun, Patna - 804453

Ref Memo No: Nil

Sample Received on: 26.05.2026

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: 250 ml.

Type of Container: Plastic

Mode of Preservation: Preserved

Sample Condition: Sealed

Deviation of Method, If Any: NIL

Date of Sampling: 26.05.2026

Date of Analysis Started: 27.05.2026

Date of Analysis Completed: 03.06.2026

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, NA=Non-Accredited
** Shall not be detectable in any 100 ml sample

Ravi Shankar
04.06.2026
(Ravi Shankar)

Signature of Lab-In-charge

Copy forwarded to: S.R.O., PHED, Govt. of Bihar.

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

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

Prepared by: <i>Anand Kumar</i> Quality Manager	Approved by: <i>T. Prasad</i> S.R.O cum Technical Manager	Issued by: <i>Ravi Shankar</i> Research Assistant cum Lab-in-charge	Page 1 of 1 Revision No.: 0 Revision Date: Nil
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