पत्रांक <u>266</u> पटना / दिनांक <u>23.6.25</u>

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

Format No.: SLWTL/FRM/02

Issue No.: 201

Issue Date: 10.06.2025

TEST REPORT

Report No: SLWTL/2025/GW-8538 Date of Reporting: 10.06.2025

Name of the Organisation/Person: Camford Public School

Location Details: Kurthaul, Parsa Bazar, Patna – 804453

Ref Memo No: CPS/27/2025, Dated- 27.05.2025 Sample Received on: 30.05.2025

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: 30.05.2025

Date of Analysis Started: 30.05.2025

Date of Analysis Completed: 09.06.2025

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

SI. 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

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 SLWTUPHED Patne

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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 -----



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

Format No.: SLWTL/FRM/02

Issue No.: 201

Issue Date: 10.06.2025



TEST REPORT

ULR No.- TC1587625000000201F

Date of Reporting: 10 06 2025

Name of the Organisation/Person: Camford Public School

Location Details: Kurthaul, Parsa Bazar, Patna - 804453

Ref Memo No: CPS/27/2025, Dated- 27.05.2025

Report No: SLWTL/2025/GW-8538

Sample Received on: 30.05.2025

Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"): Yes

Source of Sample: R.O Water Type of Sample: Ground Water

Type of Container: Plastic Volume of Sample: 1 Ltr.

Sample Condition: Sealed Mode of Preservation: Preserved

Date of Sampling: 30.05.2025 Deviation of Method, If Any: NIL Date of Analysis Completed: 09.05.2025 Date of Analysis Started: 30.05.2025

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	Rasults
1	pH Value	2.0	6.5-8.5	No relaxation	4500-H-B, APHA 24th Ed. 2023	7.12
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24th Ed. 2023	<1.0
		5.0	<u> </u>		2510 B, APHA 24th Ed. 2023	522.20
3	Conductivity, µmhos/cm	10.0	500	2000	2540 C, AFHA 24# Ed. 2023	338.00
4	Total Dissolved Solid, mg/l		200	600	2340 C, APHA 24" Ed. 2023	208.00
5	Total Hardness (as CaCO ₂), mg/l	10.0	75	200	3500-Ca B, APHA 24" Ed. 2023	51.30
6	Calcium (as Ca), mg/l	5.0		100	3500-Mg B, APHA 24" Ed. 2023	19.44
7	Magnesium (as Mg), mg/l	2.0	30		4500-CI B, APHA 24 th Ed. 2023	49.97
8	Chloride (as CI), mg/l	5.0	250	1000		270.00
9	Alkalinity (as CaCO ₂), mg/l	10.0	200	600	2320 B, APHA 24# Ed. 2023	
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24* Ed. 2023	0.04
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO3B, APHA 24" Ed. 2023	<0.5
	Sulphate (as SO ₄), mg/l	5.0	200	400	4500-SOA E, APHA 24" Ed. 2023	24.50
12		0.2	1.0	1.5	4500-F C, APHA 24" Ed. 2023	0.25
13	Fluoride (as F), mg/l Arsenic (as As), mg/l	0.010	0.01	No relaxation	3500-As B, APHA 24* Ed. 2023	<0.010

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

Signature of Lab-in-charge

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Lab-in-charge SLWTL PHED Pathe

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END OF TEST REPORT

December	Approved by:	issued by:	Page 1 of 4
1 icpance 2 j	T-why.	Ravishando	Revision No.: 0
Aliga Hold			Contains Order 607
Quality Manager	S.R.O cum Technical Manager	Research Assistant cum Lab-in-charge	



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

Format No.: SLWTL/FRM/02

Issue No.: 201

Issue Date: 10.06.2025



TEST REPORT

Report No: SLWTL/2025/GW-8539 ULR No.- TC1587625000000201F Date of Reporting: 10.06.2025

Name of the Organisation/Person: Camford Public School

Location Details: Kurthaul, Parsa Bazar, Patna - 804453

Ref Memo No: CPS/27/2025, Dated- 27.05.2025

Sample Received on: 30.05,2025

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: Boring 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: 30.05.2025

Date of Analysis Started: 30.05.2025 Date of Analysis Completed: 09.06.2025

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

SI. 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	7.70
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24th Ed. 2023	<1.0
3	Conductivity, µmhos/cm	5.0	-	-)	2510 B, APHA 24th Ed. 2023	666.20
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24th Ed. 2023	422.00
5	Total Hardness (as CaCO ₃), mg/l	10.0	200	600	2340 C, APHA 24th Ed. 2023	240.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24th Ed. 2023	54.50
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24th Ed. 2023	25.27
8	Chloride (as CI), mg/I	5.0	250	1000	4500-CI B, APHA 24th Ed. 2023	49.97
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24th Ed. 2023	300.00
10	Iron (as Fe), mg/I	0.01	1.0	No relaxation	3500-Fe B, APHA 24th Ed. 2023	0.08
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 ² · E, APHA 24 th Ed. 2023	25.40
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24th Ed. 2023	0.26
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.

Signature of Lab-In-charge

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Lab-in-charge SLWTL PHED Patne

Received By

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END OF TEST REPORT -----

Prepared by:	Approved by:	Issued by:	Page 3 of 4
Siga Hold	T-awin	Rarishantes	Revision No.: 0
Quality Manager	S.R.O cum Technical Manager	Research Assistant cum Lab-in-charge	Revision Date: Nil



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

Issue No.: 201

TEST REPORT

Issue Date: 10.06.2025

Format No.: SLWTL/FRM/02

Repo	Report No: SLWTL/2025/GW-8539 Date of Reporting: 10.06.2025							
Name of the Organisation/Person: Camford Public School								
Locat	Location Details: Kurthaul, Parsa Bazar, Patna – 804453							
Ref Memo No: CPS/27/2025, Dated- 27.05.2025 Sample Received on: 30.05.2025								
Samp	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	e: Boring Water			
Volu	me of Sample: 250 ml.			Type of Containe	r: Plastic			
Mode	e of Preservation: Preserved	9	I SI J	Sample Condition	n: Sealed			
Devi	ation of Method , If Any: NIL			Date of Sampling				
Date	of Analysis Started: 30.05.2025			Date of Analysis	Completed: 09.06.2025			
Rem	arks: Submitted sample of water confirm	n to IS:1050	0-2012 with re	spect to tested para	meters.			
SI. 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 (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 PH.E.D. Patne								
Received By								
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with	without the written permission of the competent authority of the Laboratory. END OF TEST REPORT							

Issued by: Page 4 of 4 Approved by: Prepared by: Revision No.: 0 **Revision Date: Nil** S.R.O cum Technical Manager Research Assistant cum Lab-In-charge **Quality Manager**