

पत्रांक 3441 पटना / दिनांक 14.7.25

प्रेषक,

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

सेवा में,

Principal,
Edunature Global School
Bazar Samiti Road, Sonaru,
Fatuha, Patna – 803201

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

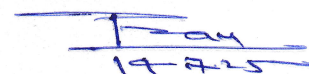
प्रसंग :- आपका पत्रांक – 05, दिनांक – 03.07.2025

महाशय,

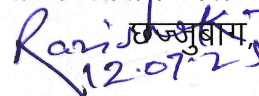
उपरोक्त प्रासंगिक पत्र के आलोक में कुल 02 अदद जल नमूना का सभी पारामीटर जाँच हेतु राज्य स्तरीय जल जाँच प्रयोगशाला द्वारा जल संग्रह किया गया था। जिसके आलोक में जल जाँच कर जाँचोपरांत जाँच प्रतिवेदन इस पत्र के साथ संलग्न कर भेजी जा रही है।



अनु० :- यथोपरि।

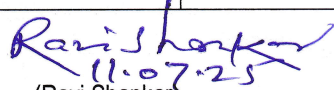
विश्वासभाजन


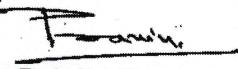
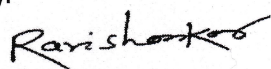



शोध पदाधिकारी
(वरीय अनुसंधान पदाधिकारी)
राज्य स्तरीय जल जाँच प्रयोगशाला,
छज्जुबाग, पटना।

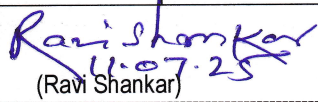



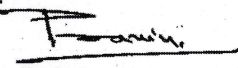
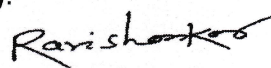
	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02	 TC-15876
		Issue No.: 314	
	TEST REPORT		



Report No: SLWTL/2025/GW-11060		ULR No.- TC1587625000000314F		Date of Reporting: 11.07.2025		
Name of the Organisation/Person: Edunature Global School						
Location Details: Bazar Samiti Road, Sonaru, Fatuha, Patna – 803201						
Ref Memo No: 05, Dated- 03.07.2025			Sample Received on: 04.07.2025			
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: Water Cooler			
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: 04.07.2025			
Date of Analysis Started: 04.07.2025			Date of Analysis Completed: 10.07.2025			
Remarks: Submitted sample of water conform 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	7.43
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	445.90
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	192.00
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	22.35
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	13.99
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	220.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.09
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO ₃ B, APHA 24 th 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	10.30
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	<0.2
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. <div style="text-align: right;">  (Ravi Shankar) Signature of Lab-In-charge </div>						
Copy forwarded to: (i) S.R.O , PHED, Govt. of Bihar. <div style="text-align: right;"> Lab-in-charge SLWTL PHED, Patna Received By </div>						
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 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.: 314
	TEST REPORT	

Report No: SLWTL/2025/GW-11060				Date of Reporting: 11.07.2025		
Name of the Organisation/Person: Edunature Global School						
Location Details: Bazar Samiti Road, Sonaru, Fatuha, Patna – 803201						
Ref Memo No: 05, Dated- 03.07.2025				Sample Received on: 04.07.2025		
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: Water Cooler		
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: 04.07.2025		
Date of Analysis Started: 04.07.2025				Date of Analysis Completed: 10.07.2025		
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	2.6
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.					 Signature of Lab-In-charge Lab-In-charge SLWTL PHED, Patna	
					Received By	
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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

	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02	 TC-15876
		Issue No.: 314	
	TEST REPORT		

Report No: SLWTL/2025/GW-11061	ULR No.: TC1587625000000314F	Date of Reporting: 11.07.2025
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Name of the Organisation/Person: Edunature Global School

Location Details: Bazar Samiti Road, Sonaru, Fatuha, Patna – 803201
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Ref Memo No: 05, Dated- 03.07.2025	Sample Received on: 04.07.2025
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Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15") : Yes
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Type of Sample: Ground Water	Source of Sample: Boring Water
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Volume of Sample: 1 Ltr.	Type of Container: Plastic
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Mode of Preservation: Preserved	Sample Condition: Sealed
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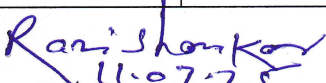
Deviation of Method , If Any: NIL	Date of Sampling: 04.07.2025
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Date of Analysis Started: 04.07.2025	Date of Analysis Completed: 10.07.2025
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Remarks: Submitted sample of water confirm to IS:10500-2012 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	7.40
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	446.20
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	192.00
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	22.35
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	13.99
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	222.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.09
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO ₃ B, APHA 24 th 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	11.10
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	<0.2
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.


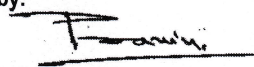
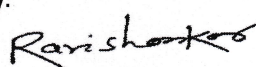

 (Ravi Shankar)
 Signature of Lab-In-charge


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

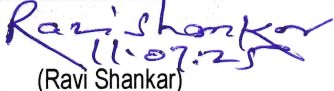
Lab-In-charge
SLWTI PHED, Patna
 Received By

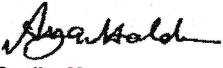
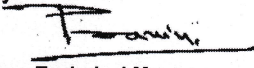
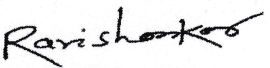
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----- END OF TEST REPORT -----

Prepared by:  Quality Manager	Approved by:  S.R.O cum Technical Manager	Issued by:  Research Assistant cum Lab-in-charge	Page 3 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.: 314
	TEST REPORT	

Report No: SLWTL/2025/GW-11061				Date of Reporting: 11.07.2025		
Name of the Organisation/Person: Edunature Global School						
Location Details: Bazar Samiti Road, Sonaru, Fatuha, Patna – 803201						
Ref Memo No: 05, Dated- 03.07.2025				Sample Received on: 04.07.2025		
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: 250 ml.			Type of Container: Plastic			
Mode of Preservation: Preserved			Sample Condition: Sealed			
Deviation of Method , If Any: NIL			Date of Sampling: 04.07.2025			
Date of Analysis Started: 04.07.2025			Date of Analysis Completed: 10.07.2025			
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	5.1
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						
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