

पत्रांक ..... 434 ..... पटना / दिनांक 19/06/2026 .....

प्रेषक,

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

सेवा में,

Principal,  
Himalayan World School  
Maner, Patna

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

प्रसंग :- आपका पत्रांक— HWS/2026-27/0008 , दिनांक— 12.06.2026

महाशय,

उपरोक्त प्रासंगिक पत्र के आलोक में कुल 02 अदद जल नमूना का सभी पारामीटर हेतु भेजा गया था। जाँचोपरांत जाँच प्रतिवेदन इस पत्र के साथ संलग्न कर भेजी जा रही है।



अनु० :- यथोपरि।

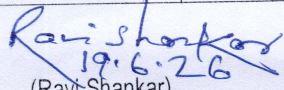
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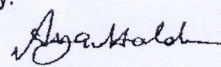
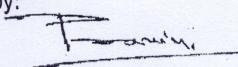
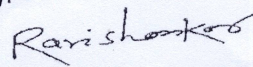



19.6.26  
शोध पदाधिकारी

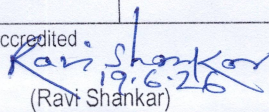
(वरीय अनुसंधान पदाधिकारी)  
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छज्जुबाग, पटना।

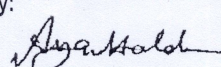
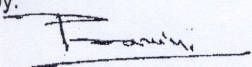
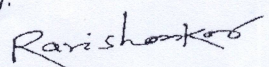
	<b>GOVERNMENT OF BIHAR</b> <b>STATE LEVEL WATER TESTING LABORATORY</b> <b>P.H.E.D., CHAJJUBAGH, PATNA</b>	Format No.: SLWTL/FRM/02	 TC-15876
	<b>TEST REPORT</b>	Issue No.: 417	
		Issue Date: 19.06.2026	



Report No: SLWTL/2026/GW-7891	ULR No.- TC1587626000000417F	Date of Reporting: 19.06.2026				
Name of the Organisation/Person: Himalayan World School						
Location Details: Maner, Patna						
Ref Memo No: HWS/2026-27/0008 Dated - 12.06.2026	Sample Received on: 12.06.2026					
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: Boring 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: 12.06.2026					
Date of Analysis Started: 13.06.2026	Date of Analysis Completed: 18.06.2026					
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 24 <sup>th</sup> Ed. 2023	7.44
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	436.70
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 <sup>th</sup> Ed. 2023	284.00
5	Total Hardness (as CaCO <sub>3</sub> ), mg/l	10.0	200	600	2340 C, APHA 24 <sup>th</sup> Ed. 2023	204.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 <sup>th</sup> Ed. 2023	44.89
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 <sup>th</sup> Ed. 2023	22.35
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 <sup>th</sup> Ed. 2023	17.99
9	Alkalinity (as CaCO <sub>3</sub> ), mg/l	10.0	200	600	2320 B, APHA 24 <sup>th</sup> Ed. 2023	218.16
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> 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	<0.20
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) Signature of Lab-In-charge
Copy forwarded to: S.R.O, PHED, Govt. of Bihar.						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 2 Revision No.: 0 Revision Date: Nil
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	<b>GOVERNMENT OF BIHAR</b> <b>STATE LEVEL WATER TESTING LABORATORY</b> <b>P.H.E.D., CHAJJUBAGH, PATNA</b>	Format No.: SLWTL/FRM/02
	<b>TEST REPORT</b>	Issue No.: 417
		Issue Date: 19.06.2026

Report No: SLWTL/2026/GW-7891-NA				Date of Reporting: 19.06.2026		
Name of the Organisation/Person: Himalayan World School						
Location Details: Maner, Patna						
Ref Memo No: HWS/2026-27/0008 Dated – 12.06.2026				Sample Received on: 12.06.2026		
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: 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: 12.06.2026		
Date of Analysis Started: 13.06.2026				Date of Analysis Completed: 18.06.2026		
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)	
					Signature of Lab-In-charge	
Copy forwarded to: S.R.O , PHED, Govt. of Bihar.					<b>Lab-in-charge</b> <b>SLWTL,P.H.E.D.,Patna</b>	
					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 1 of 2 Revision No.: 0 Revision Date: Nil
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	<b>GOVERNMENT OF BIHAR</b> <b>STATE LEVEL WATER TESTING LABORATORY</b> <b>P.H.E.D., CHAJJUBAGH, PATNA</b>	Format No.: SLWTL/FRM/02	 TC-15876
	<b>TEST REPORT</b>	Issue No.: 417	
		Issue Date: 19.06.2026	

Report No: SLWTL/2026/GW-7892	ULR No.- TC1587626000000417F	Date of Reporting: 19.06.2026
Name of the Organisation/Person: Himalayan World School		
Location Details: Maner, Patna		
Ref Memo No: HWS/2026-27/0008 Dated - 12.06.2026	Sample Received on: 12.06.2026	
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: 12.06.2026	
Date of Analysis Started: 13.06.2026	Date of Analysis Completed: 18.06.2026	

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 24 <sup>th</sup> Ed. 2023	7.62
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24 <sup>th</sup> Ed. 2023	<1.0
3	Conductivity, µmhos/cm	5.0	-	-	2510 B, APHA 24 <sup>th</sup> Ed. 2023	160.39
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 <sup>th</sup> Ed. 2023	104.00
5	Total Hardness (as CaCO <sub>3</sub> ), mg/l	10.0	200	600	2340 C, APHA 24 <sup>th</sup> Ed. 2023	32.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 <sup>th</sup> Ed. 2023	6.41
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 <sup>th</sup> Ed. 2023	3.88
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 <sup>th</sup> Ed. 2023	11.99
9	Alkalinity (as CaCO <sub>3</sub> ), mg/l	10.0	200	600	2320 B, APHA 24 <sup>th</sup> Ed. 2023	46.46
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 <sup>th</sup> Ed. 2023	0.10
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> 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*  
19.6.26  
(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

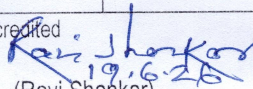
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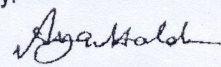
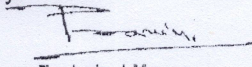
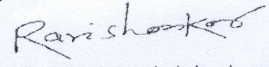
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----- END OF TEST REPORT -----

Prepared by: <i>Ajay Kishor</i> Quality Manager	Approved by: <i>Franklin</i> S.R.O cum Technical Manager	Issued by: <i>Ravi Shankar</i> Research Assistant cum Lab-in-charge	Page 2 of 2
			Revision No.: 0
			Revision Date: Nil

	<b>GOVERNMENT OF BIHAR</b> <b>STATE LEVEL WATER TESTING LABORATORY</b> <b>P.H.E.D., CHAJJUBAGH, PATNA</b>	Format No.: SLWTL/FRM/02
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Location Details: Maner, Patna						
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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: 12.06.2026			
Date of Analysis Started: 13.06.2026			Date of Analysis Completed: 18.06.2026			
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						
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			Revision No.: 0
			Revision Date: Nil