

पत्रांक 680

पटना / दिनांक 05/10/26

प्रेषक,

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

सेवा में,

Principal,
Mother's International Academy
FCI Road, Phulwari Sharif,
Khagaul Highway,
Patna – 801505

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

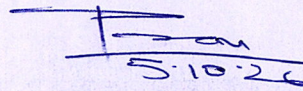
प्रसंग :- आपका पत्रांक – F/12/MIA/26/059, दिनांक– 11.09.2026

महाशय,

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

अनु० :- यथोपरि।

विश्वासभाजन


5.10.26

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

	GOVERNMENT OF BIHAR STATE LEVEL WATER TESTING LABORATORY P.H.E.D., CHAJJUBAGH, PATNA	Format No.: SLWTL/FRM/02	 TC-15876
		Issue No.: 618	
	TEST REPORT		

Report No: SLWTL/2026/GW-11894	ULR No.- TC1587626000000618F	Date of Reporting: 29.09.2026
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Name of the Organisation/Person: Mother's International Academy

Location Details: FCI Road, Phulwari Sharif, Khagaul Highway, Patna – 801505 (Latitude–25.578484 / Longitude–85.062125)

Ref Memo No: F/12/MIA/26/059 Dated – 11.09.2026	Sample Received on: 23.09.2026
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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: Tap Water – I
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Volume of Sample: 1Ltr.	Type of Container: Plastic
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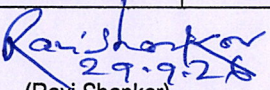
Mode of Preservation: Preserved	Sample Condition: Sealed
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Deviation of Method, If Any: NIL	Date of Sampling: 23.09.2026
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Date of Analysis Started: 23.09.2026	Date of Analysis Completed: 28.09.2026
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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	7.96
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	673.10
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	438.00
5	Total Hardness (as CaCO ₃), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	304.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	68.93
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	32.07
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	53.97
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	262.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.02
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO ₃ B, APHA 24 th Ed. 2023	1.56
12	Sulphate (as SO ₄), mg/l	5.0	200	400	4500-SO ₄ E, APHA 24 th Ed. 2023	58.22
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.46
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.

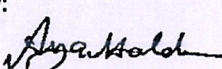
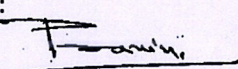
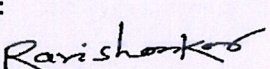

 (Ravi Shankar)
 Signature of Lab-In-charge

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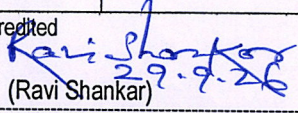
Lab-in-charge
 SLWTL, P.H.E.D., Patna
 Received By

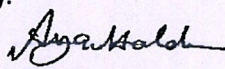
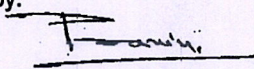
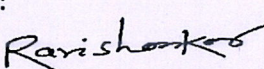
1. The results are reported based on the materials received. 2. Sample will be destroyed after 15 Days from the date of issue of the test report subject to nature of preparation unless otherwise specified. 3. Sample will be preserved according to standard method. The test report shall not be reproduced 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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	GOVERNMENT OF BIHAR STATE LEVEL WATER TESTING LABORATORY P.H.E.D., CHAJJUBAGH, PATNA	Format No.: SLWTL/FRM/02
		Issue No.: 618
	TEST REPORT	Issue Date: 29.09.2026

Report No: SLWTL/2026/GW-11894-NA				Date of Reporting: 29.09.2026		
Name of the Organisation/Person: Mother's International Academy						
Location Details: FCI Road, Phulwari Sharif, Khagaul Highway, Patna – 801505 (Latitude–25.578484 / Longitude–85.062125)						
Ref Memo No: F/12/MIA/26/059 Dated – 11.09.2026				Sample Received on: 23.09.2026		
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: Tap Water – I		
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: 23.09.2026		
Date of Analysis Started: 23.09.2026				Date of Analysis Completed: 28.09.2026		
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	3.6
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						
Copy forwarded to: S.R.O , PHED, Govt. of Bihar.				Signature of Lab-In-charge  (Ravi Shankar) 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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	GOVERNMENT OF BIHAR STATE LEVEL WATER TESTING LABORATORY P.H.E.D., CHAJJUBAGH, PATNA	Format No.: SLWTL/FRM/02	 TC-15876
		Issue No.: 618	
	TEST REPORT	Issue Date: 29.09.2026	

Report No: SLWTL/2026/GW-11895	ULR No.- TC1587626000000618F	Date of Reporting: 29.09.2026
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Name of the Organisation/Person: Mother's International Academy

Location Details: FCI Road, Phulwari Sharif, Khagaul Highway, Patna – 801505 (Latitude–25.578602 / Longitude–85.062886)

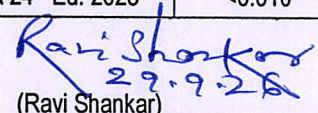
Ref Memo No: F/12/MIA/26/059 Dated – 11.09.2026	Sample Received on: 23.09.2026
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Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15") : Yes

Type of Sample: Ground Water	Source of Sample: Tap Water – II
Volume of Sample: 1Ltr.	Type of Container: Plastic
Mode of Preservation: Preserved	Sample Condition: Sealed
Deviation of Method, If Any: NIL	Date of Sampling: 23.09.2026
Date of Analysis Started: 23.09.2026	Date of Analysis Completed: 28.09.2026

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 th Ed. 2023	7.94
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	516.50
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	336.00
5	Total Hardness (as CaCO ₃), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	236.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	52.90
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	25.27
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	268.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.11
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 E, APHA 24 th Ed. 2023	16.42
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.33
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.

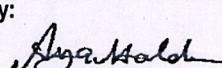
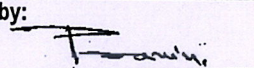
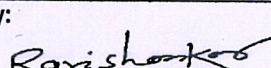

 (Ravi Shankar)
 Signature of Lab-In-charge

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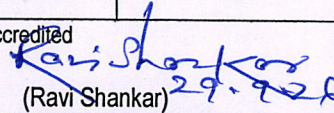
Lab-in-charge
 SLWTL, P.H.E.D., Patna
 Received By

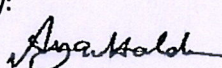
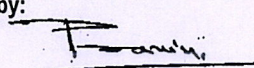
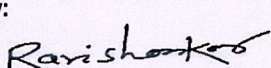
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----- END OF TEST REPORT -----

Prepared by:  Quality Manager	Approved by:  S.R.O cum Technical Manager	Issued by:  Research Assistant cum Lab-in-charge	Page 2 of 2 Revision No.: 0 Revision Date: Nil
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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.: 618
	TEST REPORT	

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Deviation of Method, If Any: NIL				Date of Sampling: 23.09.2026		
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2	Coliform Organisms, MPN/100ml	--	--	**	M-Test-Tube Technique	3.6
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) 29.9.2026 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	
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