पत्रांक ..... 679 ..... पटना / दिनांक ..... 9/12/2025 .....

प्रेषक,

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

सेवा में,

Principal,
Red Carpet High School
Chipura, Chainpur,
Sampatchak,
Patna – 800007

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

प्रसंग :– आपका पत्रांक– RCHS/Gen/Pvi/0012/25-26, दिनांक – 17.11.2025

महाशय,

उपरोक्त प्रासंगिक पत्र के आलोक में कुल 01 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

9.12.25

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

09.12.25

MANAGER
RED CARPET HIGH SCHOOL
CHIPURA, CHAINPUR, SAMPATCHAK
PATNA-800007

PRINCIPAL
RED CARPET HIGH SCHOOL
CHIPURA, CHAINPUR, SAMPATCHAK
PATNA-800007

GOVERNMENT OF BIHAR STATE LEVEL WATER TESTING LABORATORY P.H.E.D., CHAJJUBAGH, PATNA	Format No.: SLWTL/FRM/02	TC-15876
	Issue No.: 664	
TEST REPORT	Issue Date: 02.12.2025	

Report No: SLWTL/2025/GW-20089	**ULR No.-** TC1587625000000661F	**Date of Reporting:** 02.12.2025
Name of the Organisation/Person: Red Carpet High School		
Location Details: Chipura, Chainpur, Sampatchak, Patna – 800007		
Ref Memo No: RCHS/Gen/Pvi/0012/25-26 Dated - 17.11.2025	**Sample Received on:** 26.11.2025	
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: 1 Ltr.	**Type of Container:** Plastic	
Mode of Preservation: Preserved	**Sample Condition:** Sealed	
Deviation of Method , If Any: NIL	**Date of Sampling:** 26.11.2025	
Date of Analysis Started: 27.11.2025	**Date of Analysis Completed:** 01.12.2025	

Remarks: Water Sample 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 24th Ed. 2023	6.49
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	155.20
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24th Ed. 2023	100.00
5	Total Hardness (as $CaCO_3$), mg/l	10.0	200	600	2340 C, APHA 24th Ed. 2023	51.48
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24th Ed. 2023	12.69
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24th Ed. 2023	4.81
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24th Ed. 2023	5.99
9	Alkalinity (as $CaCO_3$), mg/l	10.0	200	600	2320 B, APHA 24th Ed. 2023	42.42
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	1.34
12	Sulphate (as SO_4), mg/l	5.0	200	400	4500-SO_4 E, APHA 24th Ed. 2023	10.80
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24th Ed. 2023	<0.2
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.

Ravi Shankar
02.12.25
(Ravi Shankar)
Signature of Lab-In-charge

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

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

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 -------

	GOVERNMENT OF BIHAR STATE LEVEL WATER TESTING LABORATORY P.H.E.D., CHAJJUBAGH, PATNA	Format No.: SLWTL/FRM/02
		Issue No.: 664
	TEST REPORT	Issue Date: 02.12.2025

Report No: SLWTL/2025/GW-20089	**Date of Reporting:** 02.12.2025
Name of the Organisation/Person: Red Carpet High School	
Location Details: Chipura, Chainpur, Sampatchak, Patna – 800007	
Ref Memo No: RCHS/Gen/Pvi/0012/25-26 Dated - 17.11.2025	**Sample Received on:** 26.11.2025
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:** 26.11.2025
Date of Analysis Started: 27.11.2025	**Date of Analysis Completed:** 01.12.2025

Remarks: Water Sample 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	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 02.12.25
(Ravi Shankar)
Signature of Lab-In-charge
Lab-In-charge
SLWTL, P.H.E.D., Patna

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