

पत्रांक 1271 पटना / दिनांक 4.4.25

प्रेषक,

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

सेवा में,

Principal,
Daffodils Public School
Bankipur, Fatuha, Patna

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

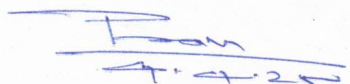
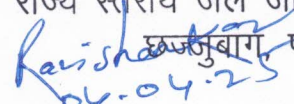
प्रसंग :- आपका पत्रांक — DPS/SRO/State Level/2024-25/41, दिनांक — 05.03.2025

महाशय,

उपरोक्त प्रासंगिक पत्र के आलोक में कुल 01 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 आवश्यक कार्रवाई हेतु भेजी जा रही है।

अनु० :- यथोपरि।

विश्वासभाजन


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

04.04.25



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

Format No.: SLWTL/FRM/02

Issue No.: 64

TEST REPORT

Issue Date: 04.04.2025

Report No: SLWTL/2025/GW-3011

Date of Reporting: 04.04.2025

Name of the Organisation/Person: Daffodils Public School

Location Details: Bankipur, Fatuha, Patna

Ref Memo No: DPS/SRO/State Level/2024-25/41, Dated-05.03.2025

Sample Received on: 05.03.2025

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: 1Ltr.

Type of Container: Plastic

Mode of Preservation: Preserved

Sample Condition: Sealed

Deviation of Method, If Any: NIL

Date of Sampling: 05.03.2025

Date of Analysis Started: 03.04.2025

Date of Analysis Completed: 04.04.2025

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	pH Value	2.0	6.5-8.5	No relaxation	4500-H+B, APHA 24 th Ed. 2023	7.70
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24 th Ed. 2023	<1.0
3	Conductivity, $\mu\text{mho/s/cm}$	5.0	-	-	2510 B, APHA 24 th Ed. 2023	593.80
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	384.00
5	Total Hardness (as CaCO_3), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	256.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	78.55
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	14.58
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	35.98
9	Alkalinity (as CaCO_3), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	258.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	1.05
11	Nitrate (as NO_3), mg/l	0.5	45	No relaxation	4500- NO_3 B, APHA 24 th Ed. 2023	<1.0
12	Sulphate (as SO_4), mg/l	5.0	200	400	4500- SO_4^{2-} E, APHA 24 th Ed. 2023	20.90
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.11
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
04.04.25
(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, (ii) Engineer-in-Chief, 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 -----

Prepared by:

Agarwal
Quality Manager

Approved by:

Frank
S.R.O cum Technical Manager


Issued by:

Ravi Shankar
Research Assistant cum Lab-in-charge

Page 1 of 2

Revision No.: 0

Revision Date: Nil

	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02
		Issue No.: 64
	TEST REPORT	Issue Date: 04.04.2025

Report No: SLWTL/2025/GW-3011		Date of Reporting: 04.04.2025
Name of the Organisation/Person: Daffodils Public School		
Location Details: Bankipur, Fatuha, Patna		
Ref Memo No: DPS/SRO/State Level/2024-25/41, Dated-05.03.2025		Sample Received on: 05.03.2025
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: 05.03.2025
Date of Analysis Started: 03.04.2025		Date of Analysis Completed: 04.04.2025

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)	0.09
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
04.04.25
(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 PHED, 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: <i>Agarwal</i>	Approved by: <i>Tran</i>	Issued by: <i>Ravi Shankar</i>	Page 2 of 2
			Revision No.: 0