

पत्रांक 26 पटना / दिनांक 08/01/2024

प्रेषक,

वरीय अनुसंधान पदाधिकारी
लोक स्वास्थ्य संस्थान, छज्जुबाग, पटना।
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सेवा में,

Principal
Presidency School,
New Azimabad Colony,
P.O.- Mahendru, Patna-800006.

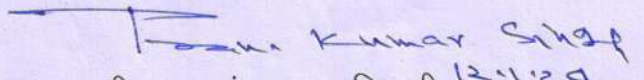
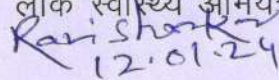
विषय :- जल जाँच रिपोर्ट प्रस्तुत करने हेतु।

प्रसंग :- आपका पत्रांक— PS/03/2024 दिनांक— 08.01.2024

महाशय,

उपरोक्त प्रासंगिक पत्र में निहित निर्देश के आलोक में कुल 01 अदद जल जाँच नमूना का सभी पारामीटर जाँच हेतु भेजा गया था। जिसके आलोक में जल जाँच कर जाँचोपरान्त जाँच रिपोर्ट अग्रेतर कार्यवाही हेतु प्रस्तुत किया जा रहा है।

विश्वासभाजन


वरीय अनुसंधान पदाधिकारी, 12.1.24
लोक स्वास्थ्य संस्थान, छज्जुबाग, पटना।
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

12.01.24



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

Format No.: SLWTL/FRM/02

Issue No.: 06

Issue Date: 12.01.2024



Certificate
No.: TC-5752

TEST REPORT

Report No: SLWTL/2024/GW-267 ULR No.- TC575224000000006F Date of Reporting: 12.01.2024

Name of the Organisation/Person: Presidency School

Location Details: New Azimabad Colony, P.O.- Mahendru, Patna-800006

Ref Memo No: PS/03/2024 Dated-08.01.2024

Sample Received on: 08.01.2024

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: Drinking 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: 08.01.2024

Date of Analysis Started: 08.01.2024

Date of Analysis Completed: 11.01.2024

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 (APHA 23 rd Ed. 2017)	Results
1	pH Value	2.0	6.5-8.5	No relaxation	4500-H ⁺ B, 4-95 to 4-99	7.10
2	Turbidity, NTU	4.0	1	5	2130 B, 2-13 to 2-15	<4.0
3	Conductivity, μ mhos/cm	1.0	-	-	2510 B, 2-58 to 2-59	1003.00
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540C, 2-69 to 2-70	652.00
5	Total Hardness(as CaCO ₃), mg/l	10.0	200	600	2340C, 2-48 to 2-50	408.00
6	Calcium(as Ca), mg/l	5.0	75	200	3500-Ca B, 3-69	88.17
7	Magnesium(as Mg), mg/l	2.0	30	100	3500-Mg B, 3-86	45.68
8	Chloride(as Cl), mg/l	5.0	250	1000	4500-Cl B, 4-75	95.95
9	Alkalinity(as CaCO ₃), mg/l	10.0	200	600	2320B, 2-37	488.00
10	Iron(as Fe), mg/l	0.01	1.0	No relaxation	3500-FeB 3-80 to 3-82	<0.01
11	Nitrate(as NO ₃), mg/l	1.0	45	No relaxation	4500-NO ₃ B, 4-127, to 4-129	38.82
12	Sulphate(as SO ₄), mg/l	5.0	200	400	4500-SO ₄ E, 4-199 to 4-200	103.80
13	Fluoride(as F), mg/l	0.01	1.0	1.5	4500-F C, 4-90 -4-92	0.36
14	Arsenic(as As), mg/l	0.005	0.01	No relaxation	3500-As A & B, 3-66 to 3-68	<0.005

Note: * (i) Drinking Water Specification Second Revision -IS: 10500:2012., ND=Not Done, NR=Not Required.

Ravi Shankar
12.01.24
(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 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:

Agarwal
Quality Manager

Approved by:

Prasanna
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



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P.H.E.D., GOVERNMENT OF BIHAR

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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 (APHA 23 rd Ed. 2017)	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
12.01.24
(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 P.H.E.D. Patna

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

Prepared by:

Agarwal
Quality Manager

Approved by:

Pranav
S.R.O cum Technical Manager

Issued by:

Ravi Shankar
Research Assistant cum Lab-in-charge

Page 2 of 2

Revision No.: 0

Revision Date: Nil

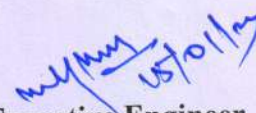
**OFFICE OF THE EXECUTIVE ENGINEER
PUBLIC HEALTH DIVISION, PATNA EAST, PATNA**

Memo No.....208.....

Patna/Date:....15-1-24....

TO WHOME IT MAY CONCERN

This is to certify that Presidency School, New Azimabad Colony, P.O.-Mahendru, Patna-800006 has been inspected on 15.01.2024. The sanitary condition has been found to be satisfactory. The water sample has been found safe for drinking purpose on the basis of physical, chemical and bacteriological test report dated on 12.01.2024 from State Level Water Testing Laboratory (SLWTL), PHED, Govt. of Bihar, Chajjubagh, Patna.


Executive Engineer
P.H. Division, Patna East, Patna