

पत्रांक 505 पटना / दिनांक 26/12/2024

प्रेषक,

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

सेवा में,

Principal,
Govinda International School
Vijay Path, Ashopur, Ashopor,
Khagaul Road, Danapur,
Patna – 801105

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

प्रसंग :- आपका पत्रांक – GIS/24-25/0040 दिनांक – 20.12.2024

महाशय,

उपरोक्त प्रासंगिक पत्र के आलोक में 01 अदद जल नमूना का सभी पारामीटर जाँच हेतु भेजा गया था। जाँचोपरांत जाँच प्रतिवेदन इस पत्र के साथ संलग्न कर आवश्यक कार्रवाई हेतु भेजी जा रही है।

अनु० :- यथोपरि।

विश्वासभाजन

Ranishankar
26.12.24

शोध पदाधिकारी

(वरीय अनुसंधान पदाधिकारी)

राज्य स्तरीय जल जाँच प्रयोगशाला,
छज्जुबाग, पटना।

Ranishankar



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

Format No.: SLWTL/FRM/02

Issue No.: 514

Issue Date: 26.12.2024



Certificate
No.: TC-5752

TEST REPORT

Report No: SLWTL/2024/GW-20818	ULR No.- TC57522400000514F	Date of Reporting: 26.12.2024
Name of the Organisation/Person: Govinda International School		
Location Details: Vijay Path, Ashopur, Ashopor, Khagaul Road, Danapur, Patna - 801105		
Ref Memo No: GIS/24-25/0040, Date - 20.12.2024	Sample Received on: 20.12.2024	
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: Filter 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: 20.12.2024	
Date of Analysis Started: 23.12.2024	Date of Analysis Completed: 24.12.2024	
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	7.91
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	559.50
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540C, 2-69 to 2-70	364.00
5	Total Hardness(as CaCO_3), mg/l	10.0	200	600	2340C, 2-48 to 2-50	252.00
6	Calcium(as Ca), mg/l	5.0	75	200	3500-Ca B, 3-69	54.50
7	Magnesium(as Mg), mg/l	2.0	30	100	3500-Mg B, 3-86	28.18
8	Chloride(as Cl), mg/l	5.0	250	1000	4500-Cl B, 4-75	17.99
9	Alkalinity(as CaCO_3), mg/l	10.0	200	600	2320B, 2-37	280.00
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	<1.0
12	Sulphate(as SO_4), mg/l	5.0	200	400	4500- SO_4 E, 4-199 to 4-200	11.40
13	Fluoride(as F), mg/l	0.01	1.0	1.5	4500-F C, 4-90 -4-92	0.52
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.

Ravishankar
26.12.24
(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

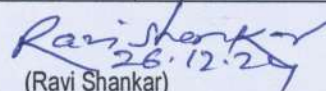
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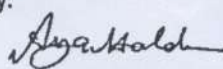
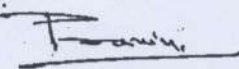
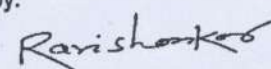
1. The results are reported based on the materials received. 2. Sample will be destroyed after 15 Days from the date of issue of the test report subject to nature of preparation unless otherwise specified. 3. Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of the competent authority of the Laboratory.

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

Prepared by: <i>Arjun Khatun</i> Quality Manager	Approved by: <i>Franklin</i> S.R.O cum Technical Manager	Issued by: <i>Ravishankar</i> Research Assistant cum Lab-in-charge	Page 1 of 2 Revision No.: 0 Revision Date: Nil
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	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02
		Issue No.: 514
	TEST REPORT	Issue Date: 26.12.2024

Report No: SLWTL/2024/GW-20818		Date of Reporting: 26.12.2024				
Name of the Organisation/Person: Govinda International School						
Location Details: Vijay Path, Ashopur, Ashopor, Khagaul Road, Danapur, Patna - 801105						
Ref Memo No: GIS/24-25/0040, Date – 20.12.2024		Sample Received on: 20.12.2024				
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: Filter 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: 20.12.2024				
Date of Analysis Started: 23.12.2024		Date of Analysis Completed: 24.12.2024				
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	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) 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
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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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