



**DISTRICT WATER TESTING LABORATORY,
RWS&S DIVISION, PURI**

E-mail. -districtlabpuri@gmail.com



Letter No- 29 Date- 27.05.2026

To

Principal Ghanashyam
Hemalata Vidyamandir, Puri

Sub- Submission of Test report of Water sample

Ref- Letter No-76/711/2026 Date-25.05.2026

Sir,

The test report of 3 nos water samples sent to this laboratory for testing of Physical and chemical parameters analysis enclosed herewith for your information and necessary action.

Encl- Test report 3 pages

Yours Faithfully


Quality Manager
District Water testing Laboratory,
RWS&S Division, Puri

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, PURI

E-mail ID: distlabpuri@gmail.com

Sample Particulars		Sample Details (TR-27/2026-S-43)				
Name of the of Customer & Contact Detatils	Principal Ghanashyam Hemalata Vidyamandir, Puri	Type of Source	Ground Water			
		Date of Sample Collection	25.05.26			
		Date of Receipt of Sample	25.05.26			
		Reference Letter No. / Date	Ltr No-76/711/2026 Date-25.05.2026			
Sample Package Condition :		Date of Sample Registration	25.05.2026			
a) Quantity of Sample Received : 1000 ml		Sampling protocol	Samples are not collected by this Laboratory			
b) Type of Container - PP		Sample Collected by	Mr Sushanta Kumar Mahana (PGT English)			
c) Sealed/unsealed:-Sealed	d)Temp. Maintained- 4°C	Sample Location	Ghanashyam Hemalata Vidyamandir School			
Test Started on		26.05.26				
Test Completed on		27.05.26				
SI No	Test Parameters	Units	Results	Only for Information IS 10500:2012		Test Method
				Acceptable Limit (Maximum limit)	Permissible Limit (Maximum Limit)	
1	Temperature	°C	25.0	-----	-----	APHA 24th Ed. 2024 : 2550 B (Laboratory and Field Method)
2	pH	pH Unit	7.34	6.5 -- 8.5	No relaxation	APHA 24th Ed. 2024 : 4500 H+ B (Electrometric Method)
3	Turbidity	NTU	0.02	1	5	APHA 24th Ed. 2024 : 2130 B (Nephelometric Method)
4	Electrical Conductivity (EC)	uS/cm	161.9	-----	-----	APHA 24th Ed. 2024 : 2510 B (Laboratory Method)
5	Total Dissolved Solids (TDS)	mg/l	105	500	2000	APHA 24th Ed. 2024 : 2540 C (Total Dissolved Solids Dried at 180°C)
6	Iron (as Fe)	mg/l	0.059	1.0	No relaxation	APHA 24th Ed. 2024 : 3500-Fe B (Phenanthroline Method)
7	Colour	Hazen Units	5	5	15	APHA 24th Ed. 2024 : 2120 B (Visual Comparison Method)
8	Odour	Qualitative Observation	Agreeable	Agreeable	Agreeable	APHA 24th Ed. 2024 : 2150 B (Threshold Odour Test)
9	Total Alkalinity (as CaCO ₃)	mg/l	100.0	200	600	APHA 24th Ed. 2024 : 2320 B (Titration Method)
10	Chloride (as Cl)	mg/l	36.0	250	1000	APHA 24th Ed. 2024 : 4500 Cl- B (Argentometric Method)
11	Total Hardness (as CaCO ₃)	mg/l	60.0	200	600	APHA 24th Ed. 2024 : 2340 C (EDTA Titrimetric Method)
12	Calcium (as Ca)	mg/l	14.43	75	200	APHA 24th Ed. 2024 : 3500-Ca B (EDTA Titrimetric Method)
13	Magnesium (as Mg)	mg/l	11.07	30	100	APHA 24th Ed. 2024 : 3500 Mg B (Calculation Method)

Disclaimer:-

Results relates only to samples Tested as received from the costumer .

The test report shall not be reproduced except in full without written approval of DWTL P

The laboratory is responsible for all the informations given in the report.

Authorised by

Reviewed and Checked by


 27.05.2026

 Technical Manager
 District Water Testing Laboratory
 RWS&S Division, PURI

Quality Manager

Kamal Kumar Dash

District Water Testing Laboratory

Authorised Signatory

*****End of Report*****

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, PURI						
E-mail ID: distlabpuri@gmail.com						
				WATER ANALYSIS REPORT		
				TEST REPORT NO- DWTLR-TR-27 S-44		
				ULR No: TC-1634726000000043F		
				DATE OF ISSUE -27.05.2026		TC-16347
Sample Particulars			Sample Details (TR-27/2026-S-44)			
Name of the of Customer & Contact Detatils	Principal Ghanashyam Hemalata Vidyamandir, Puri		Type of Source		Ground Water	
			Date of Sample Collection		25.05.26	
			Date of Receipt of Sample		25.05.26	
			Reference Letter No. / Date		Ltr No-76/711/2026 Date-25.05.2026	
Sample Package Condition :			Date of Sample Registration		25.05.2026	
a) Quantity of Sample Received : 1000 ml			Sampling protocol		Samples are not collected by this Laboratory	
b) Type of Container - PP			Sample Collected by		Mr Sushanta Kumar Mahana	
c) Sealed/unseled:-Sealed		d)Temp. Maintained- 4°C	Sample Location		Ghanashyam Hemalata Vidyamandir Hostel-1	
Test Started on		26.05.26		Test Completed on		27.05.26
Sl No	Test Parameters	Units	Results	Only for Information IS 10500:2012		Test Method
				Acceptable Limit (Maximum limit)	Permissible Limit (Maximum Limit)	
1	Temperature	°C	25.0	-----	-----	APHA 24th Ed. 2024 : 2550 B (Laboratory and Field Method)
2	pH	pH Unit	7.60	6.5 -- 8.5	No relaxation	APHA 24th Ed. 2024 : 4500 H+ B (Electrometric Method)
3	Turbidity	NTU	0.85	1	5	APHA 24th Ed. 2024 : 2130 B (Nephelometric Method)
4	Electrical Conductivity (EC)	uS/cm	128.6	-----	-----	APHA 24th Ed. 2024 : 2510 B (Laboratory Method)
5	Total Dissolved Solids (TDS)	mg/l	84	500	2000	APHA 24th Ed. 2024 : 2540 C (Total Dissolved Solids Dried at 180°C)
6	Iron (as Fe)	mg/l	0.105	1.0	No relaxation	APHA 24th Ed. 2024 : 3500-Fe B (Phenanthroline Method)
7	Colour	Hazen Units	5	5	15	APHA 24th Ed. 2024 : 2120 B (Visual Comparison Method)
8	Odour	Qualitative Observation	Agreeable	Agreeable	Agreeable	APHA 24th Ed. 2024 : 2150 B (Threshold Odour Test)
9	Total Alkalinity (as CaCO ₃)	mg/l	80.0	200	600	APHA 24th Ed. 2024 : 2320 B (Titration Method)
10	Chloride (as Cl)	mg/l	36.0	250	1000	APHA 24th Ed. 2024 : 4500 Cl- B (Argentometric Method)
11	Total Hardness (as CaCO ₃)	mg/l	44.0	200	600	APHA 24th Ed. 2024 : 2340 C (EDTA Titrimetric Method)
12	Calcium (as Ca)	mg/l	11.22	75	200	APHA 24th Ed. 2024 : 3500-Ca B (EDTA Titrimetric Method)
13	Magnesium (as Mg)	mg/l	7.96	30	100	APHA 24th Ed. 2024 : 3500 Mg B (Calculation Method)

Disclaimer:-

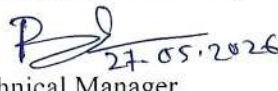
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 27.05.2026
 Technical Manager


 Quality Manager
 Kamal Kumar Dash

 District Water Testing Laboratory, Puri
 Authorised Signatory
 District Water Testing Laboratory
 RWS&S Division, PURI

*****End of Report*****

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, PURI						
E-mail ID: distlabpuri@gmail.com						
WATER ANALYSIS REPORT						
				TEST REPORT NO- DWTLR-TR-27 S-45		TC-16347
				ULR No: TC-1634726000000044F		
				DATE OF ISSUE -27.05.2026		
Sample Particulars			Sample Details (TR-27/2026-S-45)			
Name of the of Customer & Contact Detatils	Principal Ghanashyam Hemalata Vidyamandir, Puri		Type of Source	Ground Water		
			Date of Sample Collection	25.05.26		
			Date of Receipt of Sample	25.05.26		
			Reference Letter No. / Date	Ltr No-76/711/2026 Date-25.05.2026		
Sample Package Condition :			Date of Sample Registration	25.05.2026		
a) Quantity of Sample Received : 1000 ml			Sampling protocol	Samples are not collected by this Laboratory		
b) Type of Container - PP			Sample Collected by	Mr Sushanta Kumar Mahana		
c) Sealed/unseled:-Sealed	d)Temp. Maintained- 4°C	Sample Location		Ghanashyam Hemalata Vidyamandir- Hostel-2		
Test Started on		26.05.26		Test Completed on		27.05.26
SI No	Test Parameters	Units	Results	Only for Information IS 10500:2012		Test Method
				Acceptable Limit (Maximum limit)	Permissible Limit (Maximum Limit)	
1	Temperature	°C	25.0	-----	-----	APHA 24th Ed. 2024 : 2550 B (Laboratory and Field Method)
2	pH	pH Unit	7.21	6.5 -- 8.5	No relaxation	APHA 24th Ed. 2024 : 4500 H+ B (Electrometric Method)
3	Turbidity	NTU	0.30	1	5	APHA 24th Ed. 2024 : 2130 B (Nephelometric Method)
4	Electrical Conductivity (EC)	uS/cm	174.8	-----	-----	APHA 24th Ed. 2024 : 2510 B (Laboratory Method)
5	Total Dissolved Solids (TDS)	mg/l	114	500	2000	APHA 24th Ed. 2024 : 2540 C (Total Dissolved Solids Dried at 180oC)
6	Iron (as Fe)	mg/l	0.160	1.0	No relaxation	APHA 24th Ed. 2024 : 3500-Fe B (Phenanthroline Method)
7	Colour	Hazen Units	5	5	15	APHA 24th Ed. 2024 : 2120 B (Visual Comparison Method)
8	Odour	Qualitative Observation	Agreeable	Agreeable	Agreeable	APHA 24th Ed. 2024 : 2150 B (Threshold Odour Test)
9	Total Alkalinity (as CaCO ₃)	mg/l	120.0	200	600	APHA 24th Ed. 2024 : 2320 B (Titration Method)
10	Chloride (as Cl)	mg/l	36.0	250	1000	APHA 24th Ed. 2024 : 4500 Cl- B (Argentometric Method)
11	Total Hardness (as CaCO ₃)	mg/l	56.0	200	600	APHA 24th Ed. 2024 : 2340 C (EDTA Titrimetric Method)
12	Calcium (as Ca)	mg/l	12.83	75	200	APHA 24th Ed. 2024 : 3500-Ca B (EDTA Titrimetric Method)
13	Magnesium (as Mg)	mg/l	10.49	30	100	APHA 24th Ed. 2024 : 3500 Mg B (Calculation Method)

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*****End of Report*****