



**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

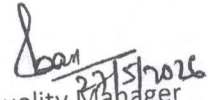
Ref- Letter No-76/711/2026 Date-25.05.2026

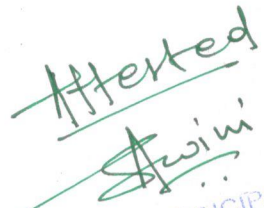
Sir,

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


PRINCIPAL
Ghanashyam Hemalata
Vidyamandir
Puri-2


Manager
Ghanashyam Hemalata
Vidyamandir, Puri

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, PURI

E-mail ID: distlabpuri@gmail.com

WATER ANALYSIS REPORT

TEST REPORT NO- DWTL-TR-27 S-43

ULR No: TC-163472600000042F

DATE OF ISSUE -27.05.2026

TC-16347

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/unseled:-Sealed		d)Temp. Maintained- 4 ^o C		Sample Location		Ghanashyam Hemalata Vidyamandir School
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	7.34	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 180oC)
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:-

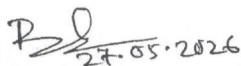
Results relates only to samples Tested as received from the costumer .

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

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

Authorised by

Reviewed and Checked by



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

Quality Manager

Kamal Kumar Dash

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

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

Principal
Ghanashyam Hemalata
Vidyamandir
Puri-2

Manager
Ghanashyam Hemalata
Vidyamandir, Puri

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, PURI

E-mail ID: distlabpuri@gmail.com

WATER ANALYSIS REPORT

TEST REPORT NO- DWTLTP-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 180oC)	
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)	

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Authorised by

Reviewed and Checked by

Pd
27.05.2026
Technical Manager

Sash
27/5/2026
Quality Manager
Kamal Kumar Dash

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

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

Swini
PRINCIPAL
Ghanashyam Hemalata
Vidyamandir
Puri-2

Khan
Manager
Ghanashyam Hemalata
Vidyamandir, Puri

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, PURI

E-mail ID: distlabpuri@gmail.com

WATER ANALYSIS REPORT

TEST REPORT NO- DWTLP-TR-27 S-45

ULR No: TC-1634726000000044F

DATE OF ISSUE -27.05.2026

TC-16347

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

Date of Sample Registration

25.05.2026

Sample Package Condition :

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

Only for Information IS 10500:2012

Sl No	Test Parameters	Units	Results	Acceptable Limit (Maximum limit)	Permissible Limit (Maximum Limit)	Test Method
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 180°C)
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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Technical Manager

District Water Testing Laboratory
RWS&S Division, PURI

Quality Manager

Kamal Kumar Dash

District Water Testing Laboratory, Puri

District Water Testing Laboratory

RWS&S Division, PURI

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

Principal
Ghanashyam Hemalata
Vidyamandir
Puri-2

Manager
Ghanashyam Hemalata
Vidyamandir, Puri