Public Health Engineering Laboratory, PH Division,Anugol
C/O LTC Commercial Company Pvt. Ltd.

In front of Adl. Chief Engineer office, Near PHD & Irrigation Colony, Matia Sahi Chowk, Anugola-759122.

Ph.: 06764-236666 Email: phlab_angul@ltcagro.in

Test Report

Sample Details

Sample Ref. No. /Sample ID		**Sample collection date**	**03/08/2026**
Product / Sample Name	DRINKING WATER	**Sample receipt date**	**03/08/2026**
Customer Name		**Testing start date**	**03/08/2026**
Sampling Location	K.V SCHOOL , DHENKANAL	**Testing completion date**	**05/08/2026**
Sample Source	AQUAGUARD	**Sample Quantity**	**1000ml**
Sample condition	Intact/sealed		

GROUP: Water, the results of analysis performed by our laboratory are as under:

S / No.	Test Parameters	Test Methods	Test Results	Acceptable Limit	Permissible Limit
	pH, at 25 °C	IS 3025 (Part-11), 2022	7.8	6.5 - 8.5	No relaxation
	Conductivity (µs/cm), at 25 °C	IS 3025 (Part-14) 2013, RA-2019	231	NA	NA
	Turbidity (NTU)	IS 3025 (Part-10) ,2023	0.320	1 NTU	5 NTU
	Free Residual Chlorine, mg/l	APHA 4500 G	0.00	0.2 mg/l	1.0 mg/l
	Total Dissolved Solids, mg/l	IS 3025 (Part-16), 2023	138	500 mg/l	2000 mg/l
	Odour, TON	IS 3025 (P-6)	Agreeable	Agreeable	Agreeable
	Colour, Hazen units	IS 3025 (P-4)	2	5 CU	15 CU
	Ammonia (as total ammonia-N), mg/l	IS 3025 (Part 34) 2019	0.18	0.5 mg/l	No relaxation
	Total Alkalinity (as CaCO3), mg/l	IS 3025 (Part 23) 2019, RA-2023	136	200 mg/l	600 mg/l
	Total Hardness (as CaCO3), mg/l	IS 3025 (Part 21) 2009, RA-2019	132	200 mg/l	600 mg/l
	Calcium (as Ca), mg/l	IS 3025 (Part 40) 2019, RA-2024	46.49	75 mg/l	200 mg/l
	Magnesium (as Mg), mg/l	IS 3025 (Part 46) 2019	3.89	30 mg/l	100 mg/l
	Chloride (as Cl), mg/l	IS 3025 (Part 32) 2019	99.99	250 mg/l	1000 mg/l
	Dissolve Oxygen, mg/l	APHA 4500 OH	NR	NA	NA
	Sodium, mg/l	IS 3025 (Part 45) 1993, RA-2024	0.1	NA	NA
	Potassium, mg/l	IS 3025 (Part 45) 1993, RA-2024	1.6	NA	NA
	Iron (as Fe), mg/l	IS 3025 (Part 53) 2024	0.11	1.0 mg/l	No relaxation
	Fluoride (as F), mg/l	IS 3025 (Part 60)	0.048	1.0 mg/l	1.5 mg/l
	Nitrate (as NO3), mg/l	IS 3025 (Part 34) 2019	1.02	45 mg/l	No relaxation
	Manganese (as Mn), mg/l	IS 3025 (P-59) 2022	0.00	0.1 mg/l	0.3 mg/l
	Sulphate (as SO4), mg/l	IS 3025 (Part 24) 2022	1.77	200 mg/l	400 mg/l

BACTERIOLOGICAL TEST REPORTS

S / No.	Test Parameters	Test Methods	Test Results	Acceptable Limit	Permissible Limit
	Coliform	IS 1622-1981 (2019)	Present	NA	NA
	E-coli	IS 1622-1981 (2019)	Present	NA	NA

प्राचार्य/PRINCIPAL
पीएम् श्री केन्द्रीय विद्यालय
PM Shri Kendriya Vidyalaya
ढेंकानाल, ओडिशा

Checked by	Authorized by

Rev.00

End of Test Report

OFFICE OF THE ASSISTANT ENGINEER,
P.H. SECTION-I-DHENKANAL
****
No. 433 / Date. 06/08/2026

To

The Assistant Executive Engineer,
P.H. Sub-Division, Dhenkanal

Sub: Regarding issuance of safe drinking water & condition for CBSE affiliation.

Ref:- Your office letter no-1540/Date-30.07.2026.

Madam,

In inviting a reference to the subject cited above, I am to inform you that I have received the test report of PM Sri Kendriya Vidyalaya prepared by our P.H. Laboratory at Angul. But it is a matter of great concern that E-coli & coliform are found present in both production well and aquaguard point.

Therefore, you are hereby requested to ask the Principal of PM Sri Kendriya Vidyalaya, Dhenkanal to take immediate action over this matter with the following points:

1- Clean & disinfect all overhead tanks.
2- Disinfect all production wells with sealing around the production well.
3- Ensure no septic tank or soakaway pit should be close to the production well (minimum distance 7 mtr incase hard, imperable soil whereas 15-30 mtr incase of sand, permeable soil or water level in raised height
4- Do alternative arrangement instantly till competion & disinfection & protection to production well.

This is for favour of your kind information and necessary action.

प्राचार्य/PRINCIPAL
पीएम् श्री केन्द्रीय विद्यालय
PM Shri Kendriya Vidyalaya
ढेंकानाल, ओडिशा
Dhenkanal Odisha-759015

Yours faithfully

06/08/26

Assistant Engineer
P.H. Section-I, Dhenkanal

Memo No. / Date.

Copy Submitted to the Addl Chief Engineer, P.H. Division, Angul for favour of his kind information & necessary action.

memo no 1612 Dt. 06-8-26. Kendriya Vidyalaya

6/8/26

Asst. Executive Engineer
P.H. Sub-Division, Dhenkanal

Assistant Engineer
P.H. Section-I, Dhenkanal