

OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER:NAYAGARH

(PUBLIC HEALTH WING)

Order No 317 /dated 30/06/2023

To

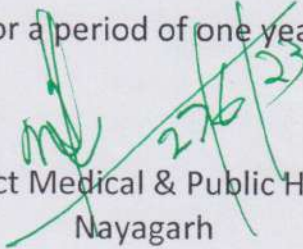
The Principal,
Maharishi Vidya Mandir, Nayagarh

SANITATION CERTIFICATE

This is to certify that an inspection team headed by Dr Puspa Nilima Lakra ,District Public Health Officer, Nayagarh O/O the Chief District Medical & Public Health Officer, Nayagarh has inspected the Maharishi Vidya Mandir, Nayagarh on dt23.06.2023 regarding issue of Health & Sanitation as needed for CBSE Affiliation and found that there is safe drinking water facilities (deep bore well aqua guard provision) for the students as well as staffs and maintained the hygienic sanitation condition in the building and campus.

In exigency of COVID-19 pandemic situation it is suggested that Covid-19 protocol like hand washing, wearing of masks and social distancing etc should be maintained.

The above certificate is valid for a period of one year.


Chief District Medical & Public Health Officer
Nayagarh

DISTRICT WATER TESTING LABORATORY, R.W.S.&S., DIVISION, NAYAGARH
E-mail. – distlabrwsnayarh@gmail.com



WATER ANALYSIS REPORT

TEST REPORT NO.- DWTLN-TR/41/S - 1/1
 Issue No. 41 /Date: 19.06.2023



Sample Particulars		Details of Sampling	
Name of the Customer :-	Principal, Ms. Annapurna Ray, Maharishi Vidya Mandir, Nayagarh	Type of Source:-	Drinking water
		Date of Sampling:-	NA
		Sample receive date:- Vide letter No.	Letter. No. 186/23 / Dtd. 13.06.2023
Sample Package Condition:-		Sample Registration Date:-	13.06.2023
a) Quantity of Sample Received – 1Ltr.		Sampling Protocol:-	Samples are not collected by this laboratory.
b) Type of Container - pp		Sample Collected by:-	NA
		Sample Location:-	Maharishi Vidya Mandir, Nayagarh.

TEST RESULT

Test Started on-		16.06.2023		Test Completed on-		17.06.2023
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	Temperature	⁰ C	25.1	-----	-----	APHA 23 rd Ed 2017-2550 B (Laboratory & Field Method)
2	Colour	Hazen Unit	4.4	5	15	Visual Comparison Method (APHA 23 rd Ed 2120 - B)
3	Odour	----	Agreeable	Agreeable	Agreeable	Threshold Odour Test (APHA 23 rd Ed 2150 - B)
4	Taste	----	Agreeable	Agreeable	Agreeable	----
5	pH	pH Unit	6.53	6.5 to 8.5	No relaxation	APHA 23 rd Ed 4500-H ⁺ B (Electrometric Method)
6	Turbidity	NTU	1.26	1.0	5.0	Nephelometric Method (APHA 23 rd Ed.2017 - 2130 B)
7	Elect. Conductivity	µmho/cm	398.7	----	----	Instrumental method (APHA 23 rd Ed.2017- 2510 B::2017)
8	Total Dissolve Solid (TDS)	mg/l	259.2	500	2000	Calculation method
9	Chloride	mg/l	16.0	250	1000	Argentometric Method (APHA 23 rd ED 4500 – Cl- B)
10	Total Hardness (as CaCO ₃)	mg/l	88.0	200	600	EDTA Titrimetric Method (APHA 23 rd ED 2340 C)
11	Total Alkalinity (as CaCO ₃)	mg/l	112.0	200	600	Titration Method (APHA 23 rd ED 2320 B)
12	Iron	mg/l	0.115	1.0	No relaxation	Phenanthroline Method (APHA 23 rd ED 3500 - Fe B)
13	Calcium (as Ca)	mg/l	19.23	75	200	APHA 23 rd Ed.2017 : 3500-Ca B (EDTA Titrimetric Method)
14	Magnesium (as Mg)	mg/l	9.72	30	100	APHA 23 rd Ed.2017 : 3500 Mg B (Calculation Method)

Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
15	Fluoride	mg/l	0.512	1.0	1.5	SPADNS Method (APHA 4500 F- D)

Bacteriological Test					
16	Total Coliform	MPN/ 100ml	<u>Absent</u>	Shall not be detectable in any 100 ml Samples	MFT Method
17	E Coli	MPN/ 100ml	<u>Absent</u>		

Note :- The samples were tested with dilution.

Information on Test Report :

Results relates only to samples received in the Laboratory .

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

APHA – American Public Health Association

Reviewed by

Mayadhar Parida
19/6/2023
(Mayadhar Parida)
Technical Manager,
DWTL, Nayagarh

Samir Ku. Pradhan
19/06/2023
(Samir Ku. Pradhan)
Quality Manager,
DWTL, Nayagarh

Authorised Signatory

-----End of Report-----