

OFFICE OF THE CHIEF MANAGER

WATER TREATMENT PLANT / WSD / TA / N.L.C. INDIA LTD

Lr.No. CM / M / WTP / WSD / TA / 120 / 2023,

Dated: 20.07.2023

To

The Principal,

St.Joseph of Cluny Public School,

Block - 25,

Neyveli. 3

Respected Madam,

Sub: Drinking water supply – Furnishing Certificate – REG.

Ref: Your letter dated: 14.07.23

With reference to the above, we herewith attached the test certificate of drinking water issued by Tamil Nadu Water supply and Drainage Board, Government of Tamil Nadu.

This is issued for further process at your end.

Thanking you,

Regards


200723
Chief Manager/Mech.,
WTP/WSOITA.,
NLC India Ltd., Neyveli.

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

, Near No.10, Thirumalai Nagar, Subburayulu Nagar Extension,

Cuddalore-607106.

E-mail: jwacudlab@gmail.com

Acn/Sci
1005

TEST REPORT Doc.No: DWTL/FORM/7.8/01

10/05/2023

Test Report No: 674-675.

Report Issue Date : 20.04.2023

Invoice Details: 207/Dt.19.04.2023/Amt.Rs.3304/-

Client Name & Address : The Additional Chief Manager,
Contact No / Email.ID : M/W.T.P/WSD/T.A Dept,
NLC,
Neyveli.

Sample Name : Water
Sample Description : Distribution Sump
Sample Submitted by : Customer; The Additional Chief Manager
Location & Date : Block -25 & 19.04.2023
Quantity of sample Received : 2 Litre
Sample Container : Plastic – Good condition
Sample Condition on Receipt : Good
Sample Received On : 19.04.2023
Test Commenced on : 19.04.2023
Test Completed on : 19.04.2023
Environmental Condition : 26.7°C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH	IS 3025 Part 11-1983	-	7.2	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-20009	mg/L	34	200	600
3	Total Alkalinity	IS 3025-Part 23-1986	mg/L	22	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	21	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	8	200	400
6	Nitrate as NO ₃	APHA23rd Edition 2017-4500-NO3 B	mg/L	<5	-	-
7	Fluoride as F	APHA 23 rd Edition 2017-4500-F-D	mg/L	<0.2	-	-

20/04/2023
K.Jayabalan-Asst. Executive Engineer

Note:

- The test results relate only to the items tested.
- The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- Unless informed by customer, the test items will not be retained for more than 15 days from the date of issue of the test report.
- The Result applied to the sample as Received basis

Issue No./Date	01/01.10.2021	Amend. No/ Date	00/-	Page No	1 of 2
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S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
8	Appearance	Physical observation	--	Clear	-	-
9	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
10	Odour	IS 3025 Part 5 : 1983	--	None	-	-
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	97	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	138	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	11	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	6	30	100
17	Sodium	APHA 23rd Edition 2017 - 3500 Na B	mg/L	-	-	-
18	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	-	-	-
19	Iron	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	0.3	1
20	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
21	Ammonia	APHA 17th Edition-1989- 4500 NH3C	mg/L	0	0.5	0.5
22	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0	-	-
23	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
24	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.6	-	-
25	Fecal Coliform	Nil/100ml	100ml	-	-	Nil

REMARKS;The above water sample is confirmed IS;10500;2012 Drinking Water Specification with respect to above parameters.

Authorised Signatory
K.Jayabalan-Asst. Executive Engineer

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Issue No./Date	01/01.10.2021	Amend. No/ Date	00/-	Page No	2 of 2
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Correspondent,
St. Joseph of Cluny
Public School,
Block-25, Neyveli-607803.

Principal,
St. Joseph of Cluny
Public School,
Block-25, Neyveli-607803.