

DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE

SANITARY CERTIFICATE

(Under the Tamilnadu Education Rules)

Appendix - 3

(Chapter III Rules - 24)

I here by declare that I have inspected the **MAHARISHI VIDYA MANDIR SENIOR SECONDARY SCHOOL**, Building and premises located at DABC'S, Arboretum (Off. OMR), Medavakkam - Mambakkam Road, Polachery, Thiruporur Block, Chengalpattu District has been inspected on **Monday 03rd July 2023** and found


- ❖ That the accommodation provided for each of the several division is sufficient and it is properly ventilated and lighted
- ❖ That the building is maintained in substantial repair
- ❖ That is neat and clean
- ❖ That the supply of drinking water is wholesome and safe
- ❖ That the latrine and urinal arrangements are adequate for both sex and good
- ❖ That in all other necessary aspects the sanitation is good.

Conditions :


- ❖ The School authority should follow the COVID-19 Rules like Social Distance, Wearing Face Mask, Provision of Hand Wash.
- ❖ The School Authority should ban the Cigarette and other tobacco products in the campus and visible board to be displayed - COTP Act 2003.
- ❖ The certificate is valid for one year from the date of issue.

L. Dis. No. : 5425/A2/2023

Dated : 7-7-23


Block Health Supervisor
Tiruporur Block,
Kelambakkam - 603 103.

Counter Signed


Deputy Director of Health Services
Chengalpattu District



To

MAHARISHI VIDYA MANDIR SENIOR SECONDARY SCHOOL
DABC'S, Arboretum (Off. OMR), Medavakkam - Mambakkam Road,
Polachery, Thiruporur Block, Chengalpattu District.


For MAHARISHI VIDYA MANDIR
POLACHERY

CORRESPONDENT / SECRETARY


PRINCIPAL
Maharishi Vidya Mandir SSS
(Affiliated to CBSE New Delhi - Code No: 1930457)
DABC'S ARBORETUM
Medavakkam - Mambakkam Road,
Polachery, Kanchipuram Dist.
Chennai - 600 127.



DUPLICATE COPY

Telephone:044 29997572

DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE

From:

Tmt.L.Sujatha, M.Sc., M.A. B.Ed.,
CHIEF WATER ANALYST,
Chief Water Analysis Laboratory,
King Institute Campus,
Guindy, Chennai -32

To:

Principal,
Maharishi Vidya Mandir,
Senior Secondary School,
Medavakkam – Madambakkam Road,
Polachery, Chennai – 600 127
Chengalpattu District.

R.No.1729/C/2022 (Misc-221 & 222) Dated : 29.06.2022

Sir,

Sub : Report on Examination of Water Samples – Regarding

Two samples of water stated to have been collected on 16.6.2002 by Thiru. M. Shankar from a Bore well and from the RO plant outlet located within the premises of Maharishi Vidya Mandir Senior Secondary School, DABC'S ARBORETUM (Off: OMR), Medavakkam- Mambakkam Road, Polachery, Chengalpattu District, Chennai-600 127 were received at this laboratory from the addressee on the same day to assess their suitability for drinking purposes.

The Results of analysis are furnished over leaf.

1.Bore well at Back side of Building (Misc - 221):

The sample of water is colourless and clear in physical appearance.

Chemical analysis reveals that it is hard and considered to be acceptable chemical quality for drinking purposes.

However it is of poor bacteriological quality for drinking purposes as evidenced by the presence of Coliform group organisms.

Hence the water needs disinfection before consumption.

It is therefore advised to chlorinate the water from Bore well by using 4 gms of BIS grade bleaching powder containing 32 to 34 % of chlorine content or 20 ml of 4 to 6 % sodium hypochlorite solution for every 1000 litres of water at the storage units (OHT/ Sump) and allow half an hour contact time before distribution.

RESULTS OF EXAMINATION OF SAMPLES OF WATER

From : Principal, Maharishi Vidya Mandir Senior Secondary School, Medavakkam –
Mambakkam, Polachery, Chennai -127, Chengalpattu District.

Collected by: Thiru.M.Sankar

Misc-221

Misc-222

Date of Collection : 16.06.2022		Bore well water at the above mentioned address	RO outlet water at the above mentioned address	Maximum permissible limit for drinking water as per BIS 10500/1991
Date of Receipt : 16.06.2022				
Source as per label				
Bacteriological Examination	Total colonies per ml on agar at 37°C	100	5	20
	MPN of Coliform bacteria per 100 ml.	210	0	0
	Nature of Coliform bacteria Isolated	Citrobacter Freundii-1		absent
	Results of vibrio test			
Physical Examination	Colour	Colourless	Colourless	Colourless
	Turbidity (Units)	5	3	10
	Smell	None	None	None
Chemical Examination (in mg/l)	Total Solids	670	60	2000
	Carbonate hardness as CaCO ₃	352	4	-
	Non- Carbonate hardness as CaCO ₃	72	0	-
	Total hardness as CaCO ₃	424	4	600
	Chloride as Chlorine	60	8	1000
	Ammoniacal nitrogen	-	-	Nil
	Albuminoid nitrogen	-	-	Nil
	Oxygen absorbed (Tidy's test)	0.80	0.32	1.0
	Nitrate-nitrogen	0.5	Nil	10
	Alkalinity } as CaCO ₃ } Phenolphthalein Methyl Orange	0	0	-
		352	38	600
	Fluoride as Fluorine	0.6	Nil	1.5
	PH	7.1	6.8	6.5-8.5
	Iron as Fe Total	0.1	Nil	0.3
		Nil	Nil	Nil
	Ferrous	Nil	Nil	0.3
	Manganese as Mn.			
	Qualitative-	Trace	Trace	Trace
	Nitrite nitrogen	Trace	Trace	400
	Sulphate	Trace	Trace	Trace
Phosphate				
Toxic substances				
Electrical conductivity (Reciprocal megohms per Cm ² at 20°C)	980	90	-	
Microscopical Examination	Monas & Amorphous matter	Amorphous matter		

The Storage units should be cleaned periodically with strong solution of bleaching powder to ensure hygienic its safety at all times.

2. RO plant outlet water near Terrace Hall (Misc - 221):

The sample of water is colourless and clear in physical appearance.

Chemical analysis reveals that it is very soft and less mineralized. Even though it is of usable chemical quality for drinking, the total hardness is only 4.0 mg/l. The calcium and magnesium elements are almost removed from this water, which are very essential for healthy living of human beings including growing children.

Hence it is advised that the firm that installed the R.O. unit should be contacted with a copy of this analysis report and arrangements may be made to set right the R.O. unit in such a way that the outlet water should contain atleast a minimum content of total hardness (30 mg/l) so as to have some amount of calcium and magnesium that are very essential for healthy life.

The sample of R.O. water is of satisfactory biological and bacteriological quality for drinking purposes on this occasion.

Copy to : Lab & File
T.S

S. Y. Rajan
1.11.2022
for Chief Water Analyst,
Chief Water Analysis Laboratory,
Guindy, Chennai-32
1/11/22

[Signature]

For MAHARISHI VIDYA MANDIR
POLACHERY

CORRESPONDENT / SECRETARY

M. V. Panjala

PRINCIPAL
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