



**DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE
CHIEF WATER ANALYST'S LABORATORY, COIMBATORE - 18.**

From

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To

M.A.M.Exel Public School,
P.K.Pudur (PO),
Guruvareddiyur - 638 504,
Anthiyur (TK),
Erode District.

R.No. 2617/ A3 / 2023 (1594) CWA/CBE, M 342

Dated:21.12.2023.

Sir,

Sub: Report on Examination of water sample from M.A.M.Exel Public School, P.K.Pudur (PO), Guruvareddiyur, Anthiyur (TK), Erode District, Collected on 13.12.2023.

A sample of water stated to have been collected on 13.12.2023 from the R.O. ^{plant}Outlet near Bore Well at M.A.M.Exel Public School, P.K.Pudur (PO), Guruvareddiyur, Anthiyur (TK), Erode District, Source: Bore Well in S.F.No.258/1A, by Thiru. Karunamoorthy, Administrative Officer was received at this laboratory on the same day from the above addressee to assess its suitability for drinking purpose.

The results of analysis are furnished overleaf.

The sample of water is Colourless and Clear in physical appearance.

It is of satisfactory bacteriological quality for drinking.

But the Chemical analysis reveals that, it is of very soft and less mineralised. The total hardness is only 4 mg/l. The Calcium and Magnesium are almost removed from this water. The Calcium and Magnesium are very essential minerals for healthy living of human beings. Consumption of this type of water for a prolonged time will be deleterious to the health of the consumers.

Hence it is advised that, the supplier of the R.O. plant should be contacted immediately along with a copy of this report, to set right the R.O. plant in such a way that, the water contains atleast a minimum 30 mg/l of total hardness, so as to have some amount of Calcium and Magnesium in the outlet of R.O. plant, which are very essential for a healthy life.

The R.O. ~~Plant~~ should also be maintained periodically as per the supplier's manual to get hygienic safe water.

The Sump / OHTs should also be cleaned atleast once in a month to maintain the hygienic condition.

Copy to Lab / File

(10-22/12/23)
**CHIEF WATER ANALYST,
COIMBATORE-18.**

SH
22/12/23

S. Bhat
22/12/23