



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

From

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To

✓ GRD Public School,  
S.F.No.450/1,  
Avinashi Road,  
Civil Aerodrome Post,  
Coimbatore - 641 014.

**R.No. 0302 / A3 / 2021 (099) CWA/CBE, M - 52**

**Dated: 12.03.2021.**

**Sir,**

**Sub:** Report on Examination of water sample from GRD Public School,  
S.F.No.450/1, Avinashi Road, Civil Aerodrome Post, Coimbatore,  
Collected on 08.03.2021.

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A sample of water stated to have been collected on 08.03.2021 from the tap near IX Standard Class room at GRD Public School, S.F.No.450/1, Avinashi Road, Civil Aerodrome Post, Coimbatore, Source : Pillur Water by Thiru. S. Muthukumaran, Accountant was received at this laboratory on the same day from GRD Public School, S.F.No.450/1, Avinashi Road, Civil Aerodrome Post, Coimbatore District 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.

Judged by the results of analysis, it is of satisfactory chemical and bacteriological quality for drinking.

However the Sump and OHT should be cleaned atleast once in a month.

*KG*  
*15/3/2021*  
**CHIEF WATER ANALYST,  
COIMBATORE.**

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Ntg / 15.03.2021

*07/03/21*  
*15/3/21*

**DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE  
CHIEF WATER ANALYST'S LABORATORY, COIMBATORE-641018**

**RESULTS OF EXAMINATION OF SAMPLES OF WATER**

Samples from	GRD Public School, S.F.No.450/1, Avinashi Road, Civil Aerodrome Post, Coimbatore – 641 014.		
Collected by	Thiru. S. Muthukumaran, Accountant.		
Date of collection:	08.03.2021		
Date of Receipt :	08.03.2021		
	<b>M.52</b>		
Source as per Label	Tap near IX Standard Class room at GRD Public School, S.F.No.450/1, Avinashi Road, Civil Aerodrome Post, Coimbatore.		
Source :	Pillur Water		
<b>Bacteriological Examination</b>			
Plate count per ml.on agar at 37 <sup>o</sup> .C-24 hrs	0		
MPN of Coliform bacteria/100ml	0		
Nature of Coliform bacteria isolated			
Results of Vibrio test			
<b>Physical Examination</b>			
Colour	Colourless		
Turbidity	1		
Smell	None		
<b>Chemical Examination(in mg/l)</b>			
Total solids	70		
Carbonate Hardness (as CaCO <sub>3</sub> )	10		
Non-carbonate Hardness(as CaCO <sub>3</sub> )	0		
Total Hardness (as CaCO <sub>3</sub> )	10		
Calcium Hardness (as CaCO <sub>3</sub> )	9		
Magnesium Hardness (as CaCO <sub>3</sub> )	1		
Chloride (as Cl)	11		
Ammonia cal Nitrogen (as N)	0		
Albuminoid Nitrogen (as N)	-		
Oxygen absorbed(Tidys test) in 4 hrs	0.08		
Nitrate nitrogen as N	0.5		
Acidity/Alkalinity} Phenolphthalein	0		
as CaCO <sub>3</sub> } Methyl Orange	27		
Fluoride (as F)	0.2		
pH value	6.7		
Total Iron (as Fe)	0.05		
Manganese (as Mn)	0		
<b>Qualitative Tests</b>			
Nitrite Nitrogen	Trace		
Sulphate	Trace		
Phosphate	Trace		
Toxic Substance	-		
Electrical conductivity (Reciprocal megohms per cm at 20°C)	95		
Microscopical Examination	Amorphous Matter		

15/3/2021  
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15/3/21