



Asansol Sub district

WATER TESTING LABORATORY

ISMILE (WEST), VIVEKANANDA PALLY, ASANSOL - 713301

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Paschim Bardhaman,

Dated ... 22/06/2020

Results of Physical Chemical & Bacteriological analysis of water sample

Water sample of ----- NARAYANA SCHOOLS

Samples received from----- Inside School Drinking water

Sample Collected by-----Concern Authority

Sample received on ----- 19 /06/2020

Sample reference no ----- 10/LAB~90 /RCD-I

<i>Parameters</i>	<i>Observed Values</i>	Limits as per IS 10500-2012 (Second revision)	
		<i>Acceptable limit</i>	<i>Permissible limit</i>
<u>Physical Analysis</u>			
pH value	7.85	6.5 to 8.5	6.5 to 8.5
Turbidity (NTU)	0.20	1	5
Total Dissolved Solids (mg/l)	-	500	2000
Total Hardness as CaCO ₃ (mg/l)	120	200	600
<u>Chemical Analysis</u>			
Iron (as Fe) mg/l	0.04	0.30	No relaxation
Arsenic(as As) mg/l	-	0.01	0.05
Fluoride (as F) mg/l	-	1.00	1.50
Chloride (as Cl) mg/l	-	250	1000
Nitrate (as NO ₃)mg/l	-	45	45
Manganese(mg/L)	0.01	0.10	0.30
<u>Bacteriological Analysis</u>			
Total Coliform Count (CFU/100ML)	0	0	0
E.coli Count (Faecal Coliform) (CFU/100ML)	0	0	0

**Above the permissible limit*

Remarks: If Bacteriological contamination is found.

***Retesting after disinfection is needed. Authority is hereby requested to disinfect the source without delay.*

20/06/2020
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