

SJPNL
WATER TESTING LABORATORY
WATER SUPPLY GUMMA, SHIMLA 171018

Based upon CPHEEO MANUAL

Sample [GUMMA]

[Division.....WSD SHIMLA]

Date: - 25-12-2024

TIME OF SAMPLING: -09:50 AM

[Sub Division ...WSSD GUMMA

TIME OF COMENCING: - 10:20 AM

WATER SAMPLE

1. Raw Water
2. Filtered Water
- >> 3. Chlorinated Water
4. Distributed System

A. PHYSICAL TESTS

Tests	1 Acceptable	2 Cause of Rejection	3 Result of Sample
1. Temp			9°C
2. Turbidity [NTU]	1	5	1 NTU
3. Conductivity	350 µS/cm
4. Total Dissolved solids	500	2000	227.5 mg/l

B. CHEMICAL TEST

1. PH	7 to 8.5	Less than 6.5 more than 8.5	8.38
2. Total hardness	200	600	182 mg/l
3. Chlorides	250	1000	21.993 mg/l
4. Total Alkalinity	200	400	140 mg/l
5. Residual Chlorine	02-0.5[mg/l desirable]		0.4 mg/l

C. BACTERIOLOGICAL TESTS


No of coli form Organisms

After 48 hours MPN in

100 ml water sample NIL NIL NIL.....MPN

Coli form count should be zero in any sample of 100 ml from water entering the distributed system

Remarks.....


 Asst. Chemist
 Water Test Lab.
 Gumma.

Junior Engineer
 Water Supply SJPNL
 Gumma, Shimla.

Manager-2
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