

SJPNL
WATER TESTING LABORATORY
WATER SUPPLY GUMMA, SHIMLA 171018

Based upon CPHEEO MANUAL

Sample [GUMMA]

[Division.....WSD SHIMLA]

Date: - 09-09-2023

TIME OF SAMPLING: - 10:00 AM

[Sub Division ...WSSD GUMMA

TIME OF COMENCING: - 10:30 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			21.6°C
2. Turbidity [NTU]	1	5	2 NTU
3. Conductivity	378 µS/cm
4. Total Dissolved solids	500	2000	245.7mg/l

B. CHEMICAL TEST

Tests	1	2	3
1. PH	7 to 8.5	Less than 6.5 more than 8.5	8.30
2. Total hardness	200	600	146 mg/l
3. Chlorides	250	1000	20.993 mg/l
4. Total Alkalinity	200	400	130 mg/l
5. Residual Chlorine	02-0.5[mg/l desirable]		1.0 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
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Manager-2
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