

SJPNL
WATER TESTING LABORATORY
BULK WATER SUPPLY GUMMA, SHIMLA 171018

Based upon CPHEEO MANUAL

Sample [GUMMA]

[Division.....WSD SHIMLA]

Date: - 22-11-2025

TIME OF SAMPLING: -10:15 AM

[Sub Division ...WSSD GUMMA

TIME OF COMENCING:-10:40 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			17°C
2. Turbidity [NTU]	1	5	0.2 NTU
3. Conductivity	320 µS/cm
4. Total Dissolved solids	500	2000	208 mg/l

B. CHEMICAL TEST

1. PH	7 to 8.5	Less than 6.5 more than 8.5	8.47
2. Total hardness	200	600	172 mg/l
3. Chlorides	250	1000	20.993 mg/l
4. Total Alkalinity	200	400	152 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

.....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

Bulk Water Supply SJPNL

Gumma, Shimla.

Manager-2

Bulk Water Supply SJPNL

Gumma, Shimla.