

**SJPNL**  
**WATER TESTING LABORATORY**  
**BULK WATER SUPPLY GUMMA, SHIMLA 171018**  
*Based upon CPHEEO MANUAL*

Sample [GUMMA]

[Division.....WSD SHIMLA]

Date: - 25-04-2021

TIME OF SAMPLING:-10:00 AM

[Sub Division ...WSSD GUMMA]

TIME OF COMENCING TEST:-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			15°C
2. Turbidity [NTU]	2.5	10	1 NTU
3. Conductivity	.....	.....	384 µS/cm
4. Total Dissolved solids	500	1500	192 mg/l

**B. CHEMICAL TESTS**

5. PH	7 to 8.5	Less than 6.2 more than 9.2	8.84
6. Total hardness	200	600	182 mg/l
7. Chlorides	200	1000	19.993 mg/l
8. Total Alkalinity	200	400	174 mg/l
9. Residual Chlorine	02-0.5[mg/l desirable]		<b>1.0 mg/l</b>

**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**.....

Assist. Chemist  
 Water test Lab.  
 Gumma

Manager-2  
 Bulk Water Supply SJPNL,  
 Gumma, Shimla.

**SJPNL**  
**WATER TESTING LABORATORY**  
**BULK WATER SUPPLY GUMMA, SHIMLA 171018**  
*Based upon CPHEEO MANUAL*

Sample [GUMMA]

[Division.....WSD SHIMLA]

Date: - 25-04-2021

TIME OF SAMPLING: - 10:10 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

**D. PHYSICAL TESTS**

Tests	1 Acceptable	2 Cause of Rejection	3 Result of Sample
1. Temp			15°C
2. Turbidity [NTU]	2.5	10	8 NTU
3. Conductivity	.....	.....	348 µS/cm
4. Total Dissolved solids	500	1500	174 mg/l

**E. CHEMICAL TESTS**

5. PH	7 to 8.5	Less than 6.2 more than 9.2	8.50
6. Total hardness	200	600	184 mg/l
7. Chlorides	200	1000	18.994 mg/l
8. Total Alkalinity	200	400	178mg/l
9. Residual Chlorine	02-0.5[mg/l desirable]		<b>NIL mg/l</b>

**F. 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

Manager -2  
 Bulk Water Supply SJPNL,  
 Gumma, Shimla.