

SJPNL
WATER TESTING LABORATORY
BULK WATER SUPPLY GUMMA, SHIMLA 171018

Based upon CPHEEO MANUAL

Sample [CRAIGNANO]

[Division.....WSD SHIMLA]

Date: - 30-12-2020

TIME OF SAMPLING: -10:45 AM

[Sub Division ...WSSD GUMMA]

TIME OF COMENCING TEST: - 02:15 PM

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			8°C
2. Turbidity [NTU]	2.5	10	1 NTU
3. Conductivity	432 µS/cm
4. Total Dissolved solids	500	1500	216 mg/l

B. CHEMICAL TEST

5. PH	7 to 8.5	Less than 6.2 more than 9.2	7.7
6. Total hardness	200	600	178 mg/l
7. Chlorides	200	1000	24.992 mg/l
8. Total Alkalinity	200	400	142 mg/l
9. Residual Chlorine	02-0.5[mg/l desirable]		7.0 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
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Manager-2
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