

SJPNL
WATER TESTING LABORATORY
WATER SUPPLY GUMMA, SHIMLA 171018

Based upon CPHEEO MANUAL

[Division.....WSD SHIMLA]

Date: - 16-01-2023

Sample [CRAIGNANO]

TIME OF SAMPLING: - 11:45 AM

[Sub Division ...WSSD GUMMA

TIME OF COMENCING: -02:05 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	386 µS/cm
4. Total Dissolved solids	500	1500	193 mg/l

B. CHEMICAL TEST

1. PH	7 to 8.5	Less than 6.2 more than 9.2	8.20
2. Total hardness	200	600	186 mg/l
3. Chlorides	200	1000	23.992 mg/l
4. Total Alkalinity	200	400	144 mg/l
5. Residual Chlorine	02-0.5[mg/l desirable]		3.0 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
Water Supply SJPNL
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Manager-2
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