

SJPNL
WATER TESTING LABORATORY
WATER SUPPLY GUMMA, SHIMLA 171018

Based upon CPHEEO MANUAL

Sample [CRAIGNANO]

[Division.....WSD SHIMLA]

Date: - 01-06-2023

TIME OF SAMPLING: - 09:40 AM

[Sub Division ...WSSD GUMMA

TIME OF COMENCING: - 02:10 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			19°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 TEST

1. PH	7 to 8.5	Less than 6.2 more than 9.2	8.16
2. Total hardness	200	600	160 mg/l
3. Chlorides	200	1000	22.992 mg/l
4. Total Alkalinity	200	400	124 mg/l
5. Residual Chlorine	02-0.5[mg/l desirable]		2.0 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.
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