

WATER TESTING LABORATORY

Jal Shakti Sub-Division Arki Distt. Solan

Based Upon 10500-2012

Lab Ref. No. 1829

Date. 13 / 12 / 2024

Name and Address of Sender-AE JAL SHAKTI SUB- DIVISION..... Subathu

Name of District Solan Block..... Dharmpur Section..... subathu

Gram Panchayat..... Jadla Village..... Kalyan

Name of Scheme & Source..... D.A.V. Subathu

Date & Time of Collection..... 10/12/2024 08:30 am

Date & Time of Receipt at Laboratory..... 10/12/2024 10:30 am

Date & Time Of Commencing..... 10/12/2024 11:00 am

Type of Sample :- 1. Raw Water 2. Filtered Water 3. Chlorinated 4. Distributed system

(Pvt. Tap, Public stand post) 5. Hand Pump

A.	PHYSICAL TEST :-	1	2	3
Sr. No	TEST	DESIRABLE LIMIT	PERMISSIBLE LIMIT	ACTUAL RESULT
1	Temperature			<u>25</u> °C
2	Colour	5	15	<u>05</u>
3	Odour	Agreeable	Agreeable	<u>Nil</u>
4	Taste	Agreeable	Agreeable	<u>Nil</u>
5	Turbidity	1 NTU	5 NTU	<u>01</u> NTU
6	TDS/ Conductivity	500mg/l	2000gm/l	<u>730</u> mg/l

B. CHEMICAL TEST :-

7	pH	6.5	8.5	<u>7.81</u> mg/l
8	Total Alkalinity	200mg/l	600 mg/l	<u>210</u> mg/l
9	Chlorides	250mg/l	1000 mg/l	<u>20.52</u> mg/l
10	Fluoride	1.5mg/l	1.5mg/l	<u>Nil</u> mg/l
11	Nitrate	45mg/l	45mg/l	<u>Nil</u> mg/l
12	Sulphate	200mg/l	400mg/l	<u>Nil</u> mg/l
13	Total Hardness	200mg/l	600mg/l	<u>415</u> mg/l
14	Iron	1.0mg/l	0.3mg/l	<u>Nil</u> mg/l
15	Manganese	1.0mg/l	0.3mg/l	<u>Nil</u> mg/l
16	Total Arsenic	0.01mg/l	0.01mg/l	<u>Nil</u> mg/l
17	Residual Chlorine	1.2mg/l	1mg/l	<u>0.1</u> mg/l

C. BACTERIOLOGICAL TEST :-

18	Total Coili -Form	0MNP	0MNP	<u>0</u> MNP
19	E. Coili/ Thermo Tolerant Coili From	0MNP	0MNP	<u>Nil</u> MNP

Remarks: All the water sample tested parameters are in permissible limit.

Assistant Chemist

Water Testing Lab..... Arki

For Contt. Jyoti Trading Company

Jr Engineer

Jal shakti Section..... Arki

Assistant Engineer

Jal shakti Sub Division..... Arki