



HIMACHAL PRADESH
WATER TESTING LABORATORY
JAL SHAKTI VIBHAG, UNA NO.1

TEST REPORT

TC - 12017

Test Report No: WTL/24-174

Issue Date:- 07/06/2024

Name & Address of Customer: AE JSSD Baryana

Sampling Method: NA

Sample Description: Water

Sample Quantity: 2 litre

Collected on: 05/06/2024

Test Start Date: 05/06/2024

Test End Date: 07/06/2024

Environmental Conditions: ok

Temperature: 25±2°C

Humidity: 45±10%

Condition of Sample When Received: ok

Name of Source/Scheme: CWS Rajli Jattan

Name of Panchayat: Lattiani

Name of Habitation: Upperli Rajli

Name of Village: Upperli Rajli

Type of Source: Gallery

Sr. No.	Test	Test Method	Result	Requirements As per IS 10500:2012	
				Acceptable Limit	Permissible limit in the absence of Alternate Source
Physical Parameters					
1.	Turbidity, NTU, Max	IS:3025(Part-10): 2017	0.2	1 NTU	5 NTU
2.	Colour, Hazen units, Max	IS:3025(Part-4): 2017	302(DL=5)	5	15
3.	Odour	IS-3025 (Part 5): 2018	Agreeable	Agreeable	Agreeable
4.	Taste	IS-3025 (Part 8): 2017	Agreeable	Agreeable	Agreeable
5.	pH value	IS:3025(Part-11): 2017	7.40	6.5-8.5	No relaxation
6.	Total Dissolved Solids mg/l, Max	IS:3025(Part-16): 2017	390	500 mg/l	2000 mg/l
Chemical Parameters					
7.	Total Alkalinity (as CaCO ₃), mg/l, Max	IS:3025 (Part-23): 2019	292	200 mg/l	600 mg/l
8.	Chloride (as Cl), mg/l, Max	IS:3025 (Part-32): 2019	33	250 mg/l	1000 mg/l
9.	Total Hardness (as CaCO ₃), mg/l, Max	IS:3025 (Part-21): 2019	216	200 mg/l	600 mg/l
10.	Calcium (as Ca), mg/l, Max	IS:3025 (Part-40): 2019	56.91	75 mg/l	200 mg/l
11.	Magnesium (as Mg), mg/l, Max	IS:3025 (Part-46): 2019	17.98	30 mg/l	100 mg/l

Remarks (if any) BDL= Below Detection Limit; DL= Detection Limit; NP= Not Performed

Note:

- This report should not be produced partly or full without approval of signatory authority for legal purpose
- The results refer only to tested samples and parameters tested.
- Samples will be stored for a period of 5 days from the date of issue of report.

Tested By

Water Testing Laboratory, Una No.1

Authorized Signatory

Mrs. Shikha Thakur

Water Testing Laboratory, Una No.1



**HIMACHAL PRADESH
WATER TESTING LABORATORY
JAL SHAKTI VIBHAG, UNA No.1**

TEST REPORT

Test Report No: WTL/24-174

Date:- 07/06/2024

Name & Address of Customer: *ALSSSD Bangana*
 Sampling Method: *N/A*
 Sample Description: *Water*
 Sample Quantity: *2L*
 Collected on: *05/06/2024*
 Test Start Date: *05/06/2024*
 Test End Date: *07/06/2024*

Condition of Sample When Received: *OK*
 Name of Source/Scheme: *LWSS Rajli jattan*
 Name of Panchayat: *Lathiani*
 Name of Habitation: *Upperly Rajli*
 Name of Village: *Upperly Rajli*
 Type of Source: *Gallery*

Sr. No.	Test	Result	Requirements As per IS 10500:2012	
			Acceptable Limit	Permissible limit in the absence of Alternate Source
Physical Parameters				
1.	Temperature (°C)	<i>25.9°C</i>	-----	-----
Chemical Parameters				
2.	Nitrate (as NO ₃), mg/l, Max	<i>—</i>	45 mg/lMax	No relaxation
3.	Fluoride (as F), mg/l, Max	<i>—</i>	1.0 mg/lMax	1.5 mg/lMax
4.	Sulphate (as SO ₄), mg/l, Max	<i>—</i>	200 mg/lMax	400 mg/lMax
5.	Ammonia(as total ammonia -N), mg/l, Max	<i>—</i>	0.5 mg/lMax	No relaxation
6.	Iron (as Fe), mg/l, Max	<i>—</i>	1.0 mg/lMax	No relaxation
7.	Manganese (as Mn), mg/l, Max	<i>—</i>	0.1 mg/lMax	0.3 mg/lMax
8.	Total Arsenic (as As), mg/l, Max	<i>—</i>	0.01 mg/lMax	No relaxation
9.	Free Residual Chlorine, mg/l, Min	<i>0.2</i>	0.2 mg/lMin	1.0 mg/lMin
Bacteriological Parameters				
10.	Total Coliform Bacteria (Shall not be detectable in any 100ml sample)	<i>Nil</i>	Nil	Nil
11.	<i>E.Coli</i> (Shall not be detectable in any 100ml sample)	<i>Nil</i>	Nil	Nil

Remarks (if any) BDL= Below Detection Limit; DL= Detection Limit

[Signature]
 Microbiologist
 Ms. Bandana Thakur
 Water Testing Laboratory, Una No.1

[Signature]
 Authorized Signatory
 Mrs. Shikha Thakur
 Water Testing Laboratory, Una No.1



HIMACHAL PRADESH
WATER TESTING LABORATORY
JAL SHAKTI VIBHAG, UNA NO.1

TEST REPORT

TC - 12017

Test Report No: WTL/24- 175

Issue Date:- 07/06/2024

Name & Address of Customer: *AE JSSD Sangana*
 Sampling Method: *NA*
 Sample Description: *Water*
 Sample Quantity: *0 Litre*
 Collected on: *05/06/2024*
 Test Start Date: *05/06/2024*
 Test End Date: *07/06/2024*
 Environmental Conditions: *OK* Temperature: 25±2°C Humidity: 45±10%

Condition of Sample When Received: *OK*
 Name of Source/Scheme: *LWSS 17 G.P. No.*
 Name of Panchayat: *Lakhiani*
 Name of Habitation: *Pansai*
 Name of Village: *Pansai*
 Type of Source: *Ground Water Bore Well*

Sr. No.	Test	Test Method	Result	Requirements As per IS 10500:2012	
				Acceptable Limit	Permissible limit in the absence of Alternate Source
Physical Parameters					
1.	Turbidity , NTU ,Max	IS:3025(Part-10) : 2017	<i>1.3</i>	1 NTU	5 NTU
2.	Colour, Hazen units, Max	IS:3025(Part-4) : 2017	<i>302 (02=5)</i>	5	15
3.	Odour	IS-3025 (Part 5): 2018	<i>Agreeable</i>	Agreeable	Agreeable
4.	Taste	IS-3025 (Part 8): 2017	<i>Agreeable</i>	Agreeable	Agreeable
5.	pH value	IS:3025(Part-11) : 2017	<i>7.29</i>	6.5-8.5	No relaxation
6.	Total Dissolved Solids mg/l, Max	IS:3025(Part-16) : 2017	<i>352</i>	500 mg/l	2000 mg/l
Chemical Parameters					
7.	Total Alkalinity (as CaCO ₃), mg/l, Max	IS:3025 (Part-23) : 2019	<i>960</i>	200 mg/l	600 mg/l
8.	Chloride (as Cl), mg/l, Max	IS:3025 (Part-32) : 2019	<i>98</i>	250 mg/l	1000 mg/l
9.	Total Hardness (as CaCO ₃), mg/l, Max	IS:3025 (Part-21): 2019	<i>952</i>	200 mg/l	600 mg/l
10.	Calcium (as Ca), mg/l, Max	IS:3025 (Part-40) : 2019	<i>64.93</i>	75 mg/l	200 mg/l
11.	Magnesium (as Mg), mg/l, Max	IS:3025 (Part-46) : 2019	<i>91.87</i>	30 mg/l	100 mg/l

Remarks (if any) BDL= Below Detection Limit; DL= Detection Limit; NP= Not Performed

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Tested By

Water Testing Laboratory, Una No.1

Authorized Signatory
Mrs. Shikha Thakur
Water Testing Laboratory, Una No.1

End of Report-----

**HIMACHAL PRADESH
WATER TESTING LABORATORY
JAL SHAKTI VIBHAG, UNA No.1**

TEST REPORT

Test Report No: WTL/24-175


Date:- 07/06/2024


Name & Address of Customer: **AE JSSD Bangane**
 Sampling Method: **N/A**
 Sample Description: **Water**
 Sample Quantity: **2L**
 Collected on: **05/06/2024**
 Test Start Date: **05/06/2024**
 Test End Date: **07/06/2024**

Condition of Sample When Received: **OK**
 Name of Source/Scheme: **WSS 17 no.**
 Name of Panchayat: **Lathiani**
 Name of Habitation: **Pansai**
 Name of Village: **Pansai**
 Type of Source: **Ground Water Bore well**

Sr. No.	Test	Result	Requirements As per IS 10500:2012	
			Acceptable Limit	Permissible limit in the absence of Alternate Source
Physical Parameters				
1.	Temperature (°C)	25.9°C	-----	-----
Chemical Parameters				
2.	Nitrate (as No ₃), mg/l, Max	—	45 mg/lMax	No relaxation
3.	Fluoride (as F), mg/l, Max	—	1.0 mg/lMax	1.5 mg/lMax
4.	Sulphate (as SO ₄), mg/l, Max	—	200 mg/lMax	400 mg/lMax
5.	Ammonia(as total ammonia -N), mg/l, Max	—	0.5 mg/lMax	No relaxation
6.	Iron (as Fe), mg/l, Max	—	1.0 mg/lMax	No relaxation
7.	Manganese (as Mn), mg/l, Max	—	0.1 mg/lMax	0.3 mg/lMax
8.	Total Arsenic (as As), mg/l, Max	—	0.01 mg/lMax	No relaxation
9.	Free Residual Chlorine, mg/l, Min	0.2	0.2 mg/lMin	1.0 mg/lMin
Bacteriological Parameters				
10.	Total Coliform Bacteria (Shall not be detectable in any 100ml sample)	Nil	Nil	Nil
11.	E.Coli (Shall not be detectable in any 100ml sample)	Nil	Nil	Nil

Remarks (if any) BDL= Below Detection Limit; DL= Detection Limit


 Microbiologist
 Ms. Bandana Thakur
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