



TC-9588

HIMACHAL PRADESH
JAL SHAKTI VIBHAG
Water Testing Laboratory
Reckong Peo, Kinnaur-172107

134

TEST REPORT

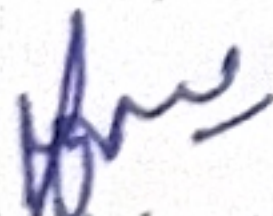
Sample No.:				Date:	27/9/2024
Test Report No	DWTL-PEO-2022-				
Name and address of Customer:	K.V School Reckong Peo +				
Division:	ReckongPeo ☒	Sub-Division:	ReckongPeo ☒	Nichar ☐	Sangla ☐
Section:	ReckongPeo ☒	Kalpa ☐	Powari ☐	Sangla ☐	Karchham ☐
Name of Scheme /Source	K.V School				
Name of Block	Kalpa ☒	Nichar ☐	Pooh ☐	Name of Panchayat	
Name of Village				Name of Habitation	
Date of Collection	26/9/2024		Date of Receipt at Laboratory	26/9/2024	
Type of Source	Spring ☐	Public Tap Water ☐	Individual Tap Water ☒	Hand Pump ☐	Others ☐
Quantity of sample:	1000ml				
Test Start Date	26/9/2024		Test End Date	26/9/2024	

Sr. No.	Test Parameter	Units	Result	Requirement as per IS 10500:2012		Test Method
				Acceptable Limit	Permissible Limit in absence of Alternate Source	
Physical Parameters						
1	Colour	HU	2.5	5	15	APHA 23rd Edition -2120-colour Method B(Platinum Cobalt Visual Comparison):2017
2	Odour			Agreeable	Agreeable	IS 3025 (Part 5): 2018
3	Taste			Agreeable	Agreeable	IS 3025 (Part 8): 2017
4	pH	pH	7.45	6.5	8.5	APHA 23rd Edition - 4500-H+ Method B:2017
5	Turbidity	NTU	0.33	1	5	APHA 23rd Edition -2130-Turbidity Method B : 2017
6	TDS	mg/l	84.8	Max 500	Max 2000	APHA 23rd Edition -2540-TDS Method C (Dried at 180 degree Celsius): 2017
Chemical Parameters						
7	Total Hardness (as CaCO ₃)	mg/l	68	Max. 200	Max. 600	APHA 23rd Edition - 2340-Hardness Method C (EDTA method): 2017
8	Calcium (as Ca)	mg/l	11.22	Max 75	Max 200	APHA 23rd Edition -3500-Ca Method B (EDTA method): 2017
9	Magnesium (as Mg)	mg/l	9.72	Max 30	Max 100	APHA 23rd Edition -3500-Mg Method B (By Calculation): 2017
10	Chloride (as Cl)	mg/l	15.99	Max 250	Max 1000	APHA 23rd Edition -4500-Cl Method B (Argentometric method): 2017
11	Total Alkalinity (as CaCO ₃)	mg/l	8	Max 200	Max 600	APHA 23rd Edition - 2320-Alkalinity Method B (Titration method): 2017

Remarks (if any): BDL: Below Detection Limit, DL: Detection Limit

Note:

1. This report should not be produced partly or full without approval of signatory authority for legal purpose.
2. The result refers only to tested samples and parameters tested.
3. Sample will be stored for the period of 7 days from the date of issue of report.

Tested By: 
Water Testing Laboratory,
ReckongPeo

Water Testing laboratory
Jal Shakti Vibhag R/Peo

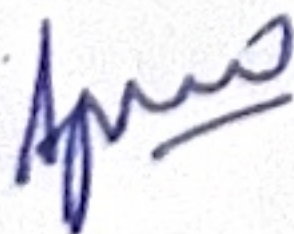
Authorized Signatory

VIKAS SHARMA
Water Testing Laboratory,
ReckongPeo

TEST REPORT

Sample No.:		Date:	27/9/2024
Test Report No	DWTL-PEO-2022-		
Name and address of Customer:	K.V. School Reckong Peo 1		
Division:	☒ ReckongPeo	Sub-Division:	☒ ReckongPeo ☐ Nichar ☐ Sangla
Section:	☒ ReckongPeo ☐ Kalpa ☐ Powari ☐ Sangla ☐ Karchham ☐ Nigulsari ☐ Tapri ☐ Katgaon		
Name of Scheme /Source	K.V School Reckong Peo		
Name of Block	☒ Kalpa ☐ Nichar ☐ Pooh	Name of Panchayat	
Name of Village		Name of Habitation	
Date of Collection	26/9/2024	Date of Receipt at Laboratory	26/9/2024
Type of Source	☐ Spring ☐ Public Tap Water ☒ Individual Tap Water ☐ Hand Pump ☐ Others		
Quantity of sample:	1000ml		
Test Start Date	26/9/2024	Test End Date	27/9/2024

Sr. No.	Test Parameter	Units	Result	Requirement as per IS 10500:2012	
				Acceptable Limit	Permissible Limit in absence of Alternate Source
Physical Parameters					
1	Temperature	°C	21.2°C	-----	-----
Chemical Parameters					
2	Fluoride (as F)	mg/l	—	Max. 1.0	Max. 1.5
3	Iron (as Fe)	mg/l	—	Max. 1.0	No Relaxation
4	Ammonia (as Total ammonia-N)	mg/l	—	Max. 0.5	No Relaxation
5	Nitrate (as NO ₃)	mg/l	—	Max. 45	No Relaxation
6	Sulphate (as SO ₄)	mg/l	—	Max. 200	Max. 400
7	Manganese (as Mn)	mg/l	—	Max. 0.1	Max. 0.3
8	Total Arsenic (as As)	mg/l	—	Max. 0.01	No Relaxation
9	Free Residual Chlorine	mg/l	0.1	Max. 0.2	Max. 1.0
Bacteriological Parameters					
10	Total Coliform bacteria	CFU/100 ml	NW	Shall not be detectable in any 100 ml sample	No Relaxation
11	E.Coli or thermo tolerant coliform bacteria	CFU/100 ml	—	Shall not be detectable in any 100 ml sample	No Relaxation

Tested By: 
Water Testing Laboratory,
ReckongPeo.

Assistant Engineer
Jal Shakti Sub Division,
ReckongPeo.