

DISTRICT WATER TESTING LABORATORY

Office of the Assistant Engineer, Public Health Engineering Sub Division, Waidhan (M.P.)

ANALYSIS REPORT

Report No.	:	Date	:	20.02.2020
Your Ref. No.	:	251/EMRS/2020		
Type of Sample	:	DRINKING WATER		
PARTICULAR OF SENDER :	Anjali Choudhary , Principal Eklavya Aadarsh Aawasiya Vidyalaya and Kanya shiksha Parisar , Singrouli (M.P.)			
PARTICULAR OF SAMPLE :	Collected/Not collected by PHED			
Sample No.	Place of collection and details of Sample			Date
1	Eklavya Aadarsh Aawasiya Vidyalaya , Bargawan, Singrouli(M.P.)			
2 ✓	Kanya Shiksha Parisar ,Singrouli (M.P.)			

PARTICULARS TO BE FILLED THE LABORATORY

Date of Receipt	:	20.02.2020	Time of Receipt	:	-----
Lab Reference No.	:	Q	Tested on	:	22.02.2020 to 24.02.2020

S. No.	Characteristics	Unit	As Per BIS-10500:2012 For Drinking Water		Results			
			Requirement (Desirable Limit)	Requirement (Permissible Limit in the absence of Alternate Source)				

PHYSICAL TEST					1	2	3	4
1	Temperature	OC						
2	Turbidity	NTU	1	5	4.0	5.0		
3	Colour	Hazan Units	5	15				
4	Odour		Unobjectionable	Objectionable	Unobject.	Unobject.		

CHEMICAL TESTS

5	pH	p H scale	6.5 To 8.5	No Relaxation	6.7	6.9		
6	Total Hardness as CaCO ₃	mg/l	200	600	380.0	300.0		
7	Calcium as Ca	mg/l	75	200				
8	Magnesium as Mg	mg/l	30	100				
9	Total Alkalinity as CaCO ₃	mg/l	200	600	200.0	238.0		
10	Chloride as Cl	mg/l	250	1000	40.0	240.0		
11	Nitrate as NO ₃	mg/l	45	45	14.0	26.0		
12	Total Dissolved Solids	mg/l	500	2000	300.0	496.0		
13	Iron	mg/l	0.3	1.0	0.4	0.8		
14	Sulphate	mg/l	200	400				
15	Fluoride as F	mg/l	1.0	1.5	0.2	0.5		
16	Manganese as Mn	mg/l	0.1	0.3				
17	Residual Chlorine as Cl ₂	mg/l	0.2	1.0				

BACTERIOLOGICAL TESTS

18	MPN of Coliform	Per 100ML	0.0	0.0		
19	Faecal Coliform	Per 100ML	0.0	0.0		

Notes: *The figure indicated under the column "Requirement (Desirable Limit)" the limits up to which water is generally acceptable to the consumers. Figs in excess of those mentioned under "Requirement (Desirable Limit)" the water not acceptable, but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under column "Permissible Limit in the absence of Alternate Source" above which the source will have to be rejected (Guide line values for Drinking Water as per BIS 10500).

In All water intended for drinking E.Coli or thermo tolerant coliform bacteria and Total Coliform bacteria must not be detectable in any 100 ml sample.

Treated water entering in/in distribution system E.Coli or thermo tolerant coliform bacteria & Total coliform bacteria must not be detectable in any 100 ml sample. In case of large supplies, where sufficient sample are examined, must not be present in 95% of Sample taken through out any 12 month period.

Note : 1. Samples are not collected by us.

2. We do not take any responsibility for deviation in test result due to wrong collection of sample .

3. Not to be produced at court of law .

Remarks if any -----

Signature of Analyst -----

No. Q/25.02.2020|PHED| Issued by

ASSISTANT ENGINEER
P.H.E. SUB DIVISION
WAIDHAN, DISTT. SINGRAULI

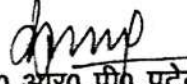
Lab Incharge
(Authorised Signature)
District Laboratory

Public Health Engineering Deptt. Singrauli

कार्यालय मुख्य चिकित्सा एवं स्वास्थ्य अधिकारी, जिला सिंगरौली (म0प्र0)
क्रमांक/मु0चि0अ0/2020/3561 सिंगरौली, दिनांक 25/03/2020

—स्वच्छता प्रमाण पत्र—

प्रमाणित किया जाता है कि शासकीय आदिवासी कन्या शिक्षा परिसर जिला सिंगरौली के जॉच उपरान्त हेल्थ एवं सेनेटरी कंडीशन की दृष्टि से उपयुक्त है। डॉ0 पंकज सिंह जिला स्वास्थ्य अधिकारी, जिला सिंगरौली द्वारा प्रदत्त निरीक्षण रिपोर्ट के आधार पर जारी किया जाता है।


(डॉ0 आर0 पी0 पटेल)
मुख्य चिकित्सा एवं स्वास्थ्य अधिकारी
जिला सिंगरौली (म0प्र0)