

Annexure C

Appendix-XII

**SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE**

No. 171 /A.E./PHE /Sub-Dn./Sakti Date: 24-01-2024

It is certified that an inspection team headed by .....SUJAY SARKAR (Asth. Engineer).....  
(Name of Officers with designation) from Public Health Engineering sub-Dn.; Sakti; C.G.  
(Name of Department/ Office) inspected the Sanskay Public school, Hareli; Sakti; C.G.  
(Name & Address of the school) on 23.01.2024.. (date of inspection), checked the water test  
report submitted by the school and found that the school has potable drinking water for  
students and staff of the institution and is having provision for running water in the toilets and  
maintaining hygienic sanitation condition in the school building & the campus as per norms  
prescribed by the Central/ State/ U.T. Govt. The above is valid for a period of 01 Year.....

Signature with Seal:  **ASSISTANT ENGINEER  
P.H.E., SUB-DN  
SAKTI(C.G)**.....

Name : Sujay Sarkar.....

Designation: Assistant Engineer.....

Assistant Engineer of

the Govt. Public Health Department (PHED)/  
Authorised officer of the Local Body

Name & Address of the Office/Department

: Public Health Engineering sub-Dn.; Sakti; C.G.

To

The Principal.....

Sanskay Public school.....

Hareli; Sakti; District - Sakti; C.G.

(Name & Address of the Institution)



**District Water Testing Laboratory**  
Public Health Engineering Department,  
PHE. Barpali Chowk in Front Gurudwara, Janjgir-Champa (C.G.)  
Contact as email – [eejan-phe-cg@nic.in](mailto:eejan-phe-cg@nic.in)

TC-10374

Test Report

Kind of sample- Drinking water sample	Report no. 16	Sampled by.. Harendra Chouhan	ULR No. :- TC10374220000016F	
Senders name & address :- Principal Sanskar Public School Harethi, Block-Sakti, Distt.- Sakti (C.G.) Mo.9926985827	Senders letter no./Date	423/16.01.2024	Source –	Power Pump
	DWTL receipt no.	16	DWTL Reciept date	16.01.2024
	Date of analysis started	16.01.2024	Date of analysis completed	18.01.2024

Sample Details:-

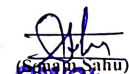
Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	DWTL/PHED/JC/128	Sakti	Harethi	Sanskar Public School Harethi, Baradwar Road
2				
3				
4				
5				

Details of parameters their test method units and specification as per IS/APIHA :-

Sr.no.	Parameters	Test method		Unit	As per IS-10500-2012 drinking water		Result of S.no.				
		IS:3025/APIHA 23rd ed.	Part no.		Desirable Limit	Permissible Limit	1	2	3	4	5
1							-	-	-	-	-
1	Turbidity	IS:3025	Part-10	NTU	1	5	1.98				
2	Colour	APIHA:23rd ed	Part - 2120B	Hazen	5	15	01				
3	Odour	IS:3025	Part - 05	Unobjen able	Agr.	Agr.	Agr.				
4	pH	IS:3025	Part - 11	pH scale	6.5 - 8.5	6.5 - 8.5	7.23				
5	Total Alkalinity as CaCO <sub>3</sub>	APIHA:23rd ed	Part – 2320 B	mg/l.	200	600	110.48				
6	TDS	APIHA:23rd ed	Part - 2540 - C	mg/l.	500	2000	312				
7	Chloride as Cl	APIHA:23rd ed	Part – 4500 - C	mg/l.	250	1000	44.37				
8	Total Hardness as CaCO <sub>3</sub>	APIHA:23rd ed	Part – 2340 - C	mg/l.	200	600	158.49				
9	Calcium as Ca <sup>++</sup>	APIHA:23rd ed	Part – 3500 -Ca	mg/l.	75	200	24.43				
10	Magnesium as Mg <sup>++</sup>	APIHA:23rd ed	3500 - Mg - B	mg/l.	30	100	23.69				

- The report should not be produced partly or full without approval signatory authority of legal purpose.
- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
- The results refer only to tested samples and parameters.
- This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.
- Samples will be stored for a period of 10 days from date of issue of report

Issue No.16 Page No.01, Date 18.01.2024

  
 Anupam Sahu  
 Authorized Signatory (NSBL)  
 District Water Testing Laboratory  
 Janjgir-Champa (C.G.)

**District Water Testing Laboratory**  
Public Health Engineering Department ,  
PHE. Barpali Chowk in Front Gurudwara, Janjgir-Champa (C.G.)  
Contact as email – [eejan-phe-cg@nic.in](mailto:eejan-phe-cg@nic.in)

Test Report

Kind of sample- Drinking water sample	Report no. 16		Sampled by.. Harendra Chouhan	
Senders name & address :- Principal Sanskar Public School Harethi, Block- Sakti, Distt.- Sakti (C.G.) Mo.9926985827	Senders letter no./Date	423/16.01.2024	Source –	Power Pump
	Sample collection date	16.01.2024	DWTL Receipt date	16.01.2024
	DWTL receipt no.	16	Date of analysis	18.01.2024
	Date of analysis started	16.01.2024	completed	

Sample Details:-


Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	DWTL/PHED/JC/128	Sakti	Harethi	Sanskar Public School Harethi, Baradwar Road
2				
3				
4				
5				

Details of parameters their test method units and specification as per IS/APIHA :-

s.n.	Parameters	Test method		Unit	As per IS-10500-2012 drinking water		Result of S.no.					
		IS:3025/APIHA 23rd ed.			Desir able Limit	Permiss ible Llimit	1	2	3	4	5	
		Method	Part no.									
1	2	3	4	5	6	7	-	-	-	-	-	
1	Taste	IS:3025	Part - 8	Unobje nable	Agr.	Agr.	Agr.					
2	Nitrates as NO <sub>3</sub>	APIHA 23rd ed	4500-NO <sub>3</sub> B	mg/l.	45	No relaxati on	-					
3	Iron as Fe <sup>++</sup>	APIHA 23rd ed	3500 -Fe -B	mg/l.	1.0	No relaxati on	-					
4	Sulphate as SO <sub>4</sub> <sup>2-</sup>	APIHA 23rd ed	Part- 24	mg/l.	200	400	-					
5	Fluoride as F <sup>-</sup>	APIHA 23rd ed	4500-F - C	mg/l.	1.0	1.5	0.01					
6	Residual Chlorine	-	-	mg/l.	0.2	1.0	0.0					
7	Spe.C Conductivity	APIHA:23rd ed	Part- 14	µmho/cm	-	-	570					

- 1 The report should not be produced partly or full without approval signatory authority of legal purpose.
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
- 3 The results refer only to tested samples and parameters.
4. This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.
5. Samples will be stored for a period of 10 days from date of issue of report

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District Water Testing Laboratory  
PHED, Janjgir-Champa (C.G.)  
Janjgir-Champa (C.G.)



**District Water Testing Laboratory**  
Public Health Engineering Department ,  
PHE, Barpali Chowk in Front Gurudwara, Janjgir-Champa (C.G.)  
Contact as email – [eejan-phe-cg@nic.in](mailto:eejan-phe-cg@nic.in)

Bacteriological-Test Report

Kind of sample- Drinking water sample	Report no. 16	Sampled by.. Harendra Chouhan	
Senders name & address -: Principal Sanskar Public School Harethi, Block- Sakti, Distt.- Sakti (C.G.) Mo.9926985827	Senders letter no./Date	423/16.01.2024	Source –
	Sample collection date	16.01.2024	DWTL Reciept date
	DWTL receipt no.	16	Date of analysis completed
	Date of analysis started	16.01.2024	16.01.2024

Sample Details:-


Sr.no.	Sample I.D.	District/Block	City / Village	Location/source no./GPS identification
1	DWTL/PHED/JC/128	Sakti	Harethi	Sanskar Public School Harethi, Baradwar Road
2				
3				
4				
5				

Details of parameters their test method units and specification as per IS/APHA :-

s.n.	Parameters	Test method IS:3025/APHA 23rd ed.	As per IS-10500- 2012 drinking water	Result of S.no.								
				Method	Unit	Desirable Limit	Permis sible Llimit	1	2	3	4	5
								-	-	-	-	-
1	Total Coliform	APHA/IS	Cfu/100ml	nil	nil	0.0						

- 1 The report should not be produced partly or full without approval signatory authority of legal purpose.
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
- 3 The results refer only to tested samples and parameters.
4. This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.
5. Samples will be stored for a period of 10 days from date of issue of report

Issue No.16 Page No.01, Date 18.01.2024

  
 Harendra Chouhan  
 District Water Testing Laboratory  
 PHE, Barpali Chowk in Front Gurudwara,  
 Janjgir-Champa (C.G.)