

कार्यालय सहायक अभियंता, लोक स्वास्थ्य यांत्रिकी उपखण्ड-चांपा
जिला-जांजगीर चांपा (छ.ग.)

क्र. 240 / लेब / स.अ. / लो.स्वा.यां. / उपखण्ड / चांपा, 2023

दिनांक 31/8/2023

प्रति,

मनका पब्लिक स्कूल
श्रीमान अविनाश केशरवानी
तहसील रोड, चांपा
जिला-जांजगीर चांपा (छ.ग.)

विषय:- जल परीक्षण रिपोर्ट भेजने बाबत।


संदर्भ :- पत्र क्र. 41 / दिनांक 01 / 08 / 2023 एवं लेब का आवक क्र. 280

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विषयांतर्गत लेख है कि संदर्भित पत्र क्र. 41 दिनांक 01 / 08 / 2023 में उपयोग किये जा रहे पानी का नमूना देते हुए परीक्षण कर प्रतिवेदन दिये जाने का अनुरोध किया गया था। जिसका जिला जल परीक्षण प्रयोगशाला में परीक्षण कर प्रतिवेदन इस पत्र के साथ प्रेषित किया जा रहा है।

संलग्न :- जल परीक्षण जाँच प्रतिवेदन
01 नग।


Principal
Manka Public School Champa
Distt.- Janjgir-Champa, C.G.


सहायक अभियंता
लोक स्वास्थ्य यांत्रिकी उपखण्ड
चांपा (छ.ग.)



TC-10374

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

Test Report

Kind of sample- Drinking water sample	Report no.280	Sampled by...: Manish Das	ULR No. :- TC103742300000280F	
Senders name & address - Manka Public School ,Mr. Avinash Keshrvani, Tahsil Road Champa , Distt.- janjgir-champa (C.G.) Mo.7509050002	Senders letter no./Date	41 /01/08/2023	Source –	Power Pump
	DWTL receipt no.	280	DWTL Reciept date	01/08/2023
	Date of analysis started	01/08/2023	Date of analysis completed	03/08/2023

Sample Details:-

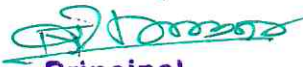
Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	DWTL/PHED/JC/2066	Janjgir-Champa/ Nwagarh	Champa	Manka Public School , Tahsil Road, Champa
2				
3				
4				
5				

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

Sr.no.	Parameters	Test method		Unit	As per IS-10500-2012 drinking water		Result of S.no.				
		IS:3025/APHA 23rd ed.			Desirable Limit	Permissible Limit	1	2	3	4	5
		Method	Part no.								
1	2	3	4	5	6	7	-	-	-	-	-
1	Turbidity	IS:3025	Part-10	NTU	1	5	2.52				
2	Colour	APHA:23rd ed	Part - 2120B	Hazen	5	15	02				
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	7.30				
5	Total Alkalinity as CaCO ₃	APHA:23rd ed	Part – 2320 B	mg/l.	200	600	109.98				
6	TDS	APHA:23rd ed	Part - 2540 - C	mg/l.	500	2000	296				
7	Chloride as Cl ⁻	APHA:23rd ed	Part – 4500 - C	mg/l.	250	1000	48.45				
8	Total Hardness as CaCO ₃	APHA:23rd ed	Part – 2340 - C	mg/l.	200	600	138.17				
9	Calcium as Ca ⁺⁺	APHA:23rd ed	Part – 3500-Ca	mg/l.	75	200	32.57				
10	Magnesium as Mg ⁺⁺	APHA:23rd ed	3500 - Mg - B	mg/l.	30	100	13.82				

- 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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Principal


QM./Chemist

Manka Public School Champa
Distt.- Janjgir-Champa (C G)
Authorized Signatory (NABL)

District Water Testing Laboratory
Public Health Engineering Department ,
PHE. Barpali Chowk in Front Gurudwara, Janjgir-Champa (C.G.)
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s.n.	Parameters	Test method		Unit	As per IS-10500-2012 drinking water		Result of S.no.					
		IS:3025/APHA 23rd ed.			Desirable Limit	Permissible Limit	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 ₃	APHA 23rd ed	4500-NO ₃ -B	mg/l.	45	No relaxati on	0.0					
3	Iron as Fe ⁺⁺	APHA 23rd ed	3500 -Fe -B	mg/l.	1.0	No relaxati on	0.02					
4	Sulphate as SO ₄ ²⁻	APHA 23rd ed	Part- 24	mg/l.	200	400	0.82					
5	Fluoride as F ⁻	APHA 23rd ed	4500-F- C	mg/l.	1.0	1.5	0.0					
6	Residual Chlorine	-	-	mg/l.	0.2	1.0	0.0					
7	Spe.Conductivi ty	APHA:23rd ed	Part- 14	µmho/c m	-	-	524					

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Chemist

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

District Water Testing Laboratory
Public Health Engineering Department ,
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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	Permissible Limit	1	2	3	4	5
1	2	3	5	6	7	-	-	-	-	-
1	Total Coliform	APHA/IS	Cfu/100ml	nil	nil	0.0				

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Manka Public School Champa
Distt.- Janjgir-Champa , C G
District Water Testing Laboratory
PHE, Janjgir-Champa (C.G.)