



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

क्र. 56 / स.अ. / लो.स्वा.यां. / उपखण्ड / चांपा / 2024

दिनांक 15/02/24

प्रति,


ब्रिलियंट पब्लिक स्कूल, बनारी
वि.ख.- नवागढ़
जिला - जांजगीर-चांपा (छ.ग.)

विषय:- जल परीक्षण रिपोर्ट भेजने बाबत।
संदर्भ :- पत्र क्र. 0 / दिनांक 09/02/2024 एवं लेब का आवक क्र. 43

—:00:—

विषयांतर्गत लेख है कि संदर्भित पत्र क्र.- 0 / दिनांक 09.02.2024 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।


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



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

TC-10374

Test Report

Kind of sample- Drinking water sample	Report no. 43	Sampled by.. Aman Kurrey	ULR No. :- TC10374240000000043F	
Senders name & address -: Mrs. Sonali Singh Brilliant Public School, Banari, Block- Nawagarh, Distt.- Janjgir-Champa (C.G.) Mo.7470566469	Senders letter no./Date	353/09/02/2024	Source –	Power Pump
	DWTL receipt no.	43	DWTL Reciept date	09/02/2024
	Date of analysis started	09/02/2024	Date of analysis completed	12/02/2024

Sample Details:-

Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	DWTL/PHED/JC/335	Janjgir-Champa Nawagarh	Banari	Brilliant Public School, Banari
2				
3				
4				
5				

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

Sr.n o.	Parameters	Test method		Unit	As per IS-10500- 2012 drinking water		Result of S.no.				
		Method	Part no.		Desir able Limit	Permiss ible Llimit	1	2	3	4	5
1	2	3	4	5	6	7	-	-	-	-	-
1	Turbidity	IS:3025	Part-10	NTU	1	5	0.80				
2	Colour	APHA: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	7.10				
5	Total Alkalinity as CaCO ₃	APHA:23rd ed	Part – 2320 B	mg/l.	200	600	158.72				
6	TDS	APHA:23rd ed	Part - 2540 - C	mg/l.	500	2000	432				
7	Chloride as Cl ⁻	APHA:23rd ed	Part – 4500 - C	mg/l.	250	1000	38.02				
8	Total Hardness as CaCO ₃	APHA:23rd ed	Part – 2340 - C	mg/l.	200	600	236.80				
9	Calcium as Ca ⁺⁺	APHA:23rd ed	Part – 3500-Ca	mg/l.	75	200	60.84				
10	Magnesium as Mg ⁺⁺	APHA:23rd ed	3500 - Mg - B	mg/l.	30	100	19.55				

- 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


QM/Chemist

Authorized Signatory (NABL)

Issu No.43 Page No.01, Date 13.02.2024

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

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	Sample collection date	09/02/2024	DWTL Reciept date	09/02/2024
	DWTL receipt no.	43	Date of analysis completed	12/02/2024
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s.n.	Parameters	Test method IS:3025/APHA 23rd ed.		Unit	As per IS-10500-2012 drinking water		Result of S.no.				
		Method	Part no.		Desir able Limit	Permiss ible Limit	1	2	3	4	5
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 ˆ B	mg/l.	45	No relaxati on	-				
3	Iron as Fe ⁺⁺	APHA 23rd ed	3500 -Fe -B	mg/l.	1.0	No relaxati on	-				
4	Sulphate as SO ₄ ²⁻	APHA 23rd ed	Part- 24	mg/l.	200	400	-				
5	Fluoride as F ⁻	APHA 23rd ed	4500-Fˆ C	mg/l.	1.0	1.5	0.035				
6	Residual Chlorine	-	-	mg/l.	0.2	1.0	0.0				
7	Spe.Conductivi ty	APHA:23rd ed	Part- 14	µmho/c m	-	-	862				

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		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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Chemist

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



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

क्र. 57 / लेब / स.अ. / लो.स्वा.यां. / उपखण्ड / चांपा / 2024 दिनांक 15/02/24

प्रोफार्मा बिल
जिला जल परीक्षण प्रयोगशाला

प्रति,

ब्रिलियंट पब्लिक स्कूल, बनारी
वि.ख. – नवागढ़
जिला – जांजगीर-चांपा (छ.ग.)

संदर्भ :- आपका पत्र क्र. 0 दिनांक 09/02/2024 एवं लेब का आवक क्र. 43

क्रमांक	पैरामीटर	जल नमूनों की संख्या	राशि
1	समान्य भौतिक, रासायनिक एवं जीवाणु परीक्षण	01 नमूना	500 रु.
(रु. पांच सौ रुपये मात्र)		टोटल :-	500 रु.

नोट :- कृपया भुगतान हेतु चेक/ड्राफ्ट/नगद
सहायक अभियंता, लोक स्वास्थ्य यांत्रिकी उपखण्ड-चांपा (छ.ग.) को प्रदाय किया गया।

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