

कायालय सहायक यंत्रा
लोक स्वास्थ्य यांत्रिकीय उपखण्ड - बड़वाह (म.प्र.)

क्रमांक 53 / प्रयोगशाला / 2021

बड़वाह दिनांक 19-01-2021

प्रति,

प्राचार्य,
विमला कान्वेन्ट हायर सेकेण्ड्री स्कूल
सनावद, जिला खरगोन (म.प्र.)


विषय :- जल परीक्षण रिपोर्ट बाबद्।


संदर्भ :- आपका पत्र क्रमांक दिनांक 18.01.2021

—00—

उपरोक्त विषय में लेख है संदर्भित पत्रानुसार आपके द्वारा प्रेषित जल नमूनों का भौतिक, रासायनिक एवं जीवाणु परीक्षण कर जल परीक्षण रिपोर्ट आपकी ओर प्रेषित है।

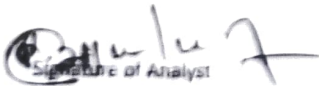
संलग्न :- जल परीक्षण रिपोर्ट।


PRINCIPAL
Vimala Convent H.S. School (C.B.S.E.)
Peeranpeer Road,
SANAWAD P.O.
Distt. Khargone (M.P.) 451111

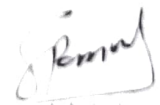

सहायक यंत्री,
लो. स्वा. यां. उपखण्ड - बड़वाह

Sub Division Laboratory
Public Health Engineering Department Sub Division Barwaha
ANALYSIS REPORT

Type of sample :- Dugwell and filter water										
PARTICULARS OF SENDER :- The Principal, Vimala Convent Higher Secondary School, Sanawad, Dist. Khargone (M.P.)										
Samples Collected by :- Not Collected by Laboratory										
Sample No. Place of collection and details of samples										
1	Vimala Convent Higher Secondary School, Sanawad Dugwell water		4							
2	Vimala Convent Higher Secondary School, Sanawad filter water		5							
3			6							
PARTICULARS TO BE FILLED IN THE LABORATORY										
Date of Receipt :- 18/01/2021							Time of Receipt :- 01.00 PM			
Lab reference No. :- 218/18.01.2021							Tested on :- 18/01/2021			
NATURE OF STUDY :- CHEMICAL & BACTERIOLOGICAL ANALYSIS										
	Characteristics	Unit	As Per BIS - 10500:2012 For Drinking Water		Results					
			Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6
PHYSICAL TESTS										
1	Colour	Hazen	5	15	Nil	Nil	-	-	-	-
2	Turbidity	NTU	1.0	5.0	1.0	0.5	-	-	-	-
CHEMICAL TESTS										
3	pH	pH scale	6.5 to 8.5	No Relaxation	7.80	7.40	-	-	-	-
4	Conductivity	micromhos per cm	-	-	859	826	-	-	-	-
5	Total Hardness as CaCO ₃	mg/l	200	600	220	180	-	-	-	-
6	Total Alkalinity as CaCO ₃	mg/l	200	600	-	-	-	-	-	-
7	Total Dissolved Solids	mg/l	500	2000	558	536	-	-	-	-
8	Manganese	mg/l	0.1	0.3	0.0	0.0	-	-	-	-
9	Chloride as Cl	mg/l	250	1000	150	130	-	-	-	-
10	Nitrate as NO ₃	mg/l	45	45	0.0	0.0	-	-	-	-
11	Arsenic	mg/l	0.01	0.01	-	-	-	-	-	-
12	Iron as Fe	mg/l	1.0	1.0	0.0	0.0	-	-	-	-
13	Sulphate as SO ₄	mg/l	200	400	22	16	-	-	-	-
14	Fluoride as F	mg/l	1.0	1.5	0.0	0.0	-	-	-	-
15	Free Residual Chlorine	mg/l	0.2	1.0	0.0	0.0	-	-	-	-
BACTERIOLOGICAL TESTS										
16	Total Coliform	Per 100 ml	Nil	Nil	10	15	-	-	-	-
17	Thermotolerant Coliform	Per 100 ml	Nil	Nil	5	10	-	-	-	-


Signature of Analyst

Remark: Total Coliform & Thermotolerant Coliform has been Detected Chlorination should be maintained within range 0.2 - 1.0 mg/l




Lab. Incharge
(Authorised Signatory)
Sub Division Laboratory

Public Health Engineering Department
Sub Division Barwaha

No. 129 / Lab / PHED / Barwaha / 2021

Date- 19/01/2021


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