


SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

त्रिपना/त्रिपास्वामि/पा.गु/252/2024
जिल्हा पाणी व स्वच्छता मिशन कक्ष
जिल्हा परिषद, नागपूर
दिनांक- 11/3/24

It is certified that an inspection team headed by Dy. Chief Executive Officer(W&S) from Zilla Parishad Nagpur (Water Quality inspector) inspected the Blossom School, Blue Moon Educational & Welfare Society; Khasra No12/1/B,Pawangaon,Kamptee,Nagpur on 05/1/2024 and found that the Blossom School has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building&the campus as per norms prescribed by the Central/state/U.T.Govt.

To,
Blossom School
Khasra No.12/1/B
Pawangagon,Kamptee,Nagpur-440035


(Kunal Undirwade)
Project Director
District Water and sanitation
Zill Parizad, Nagpur

CC-

1)Hon.Chief Executive officer,Zilla parizad,Nagpur for information

s-d..
Project Director
District Water and sanitation
Zill Parizad Nagpur


Principal
BLOSSOM SCHOOL
12/1B, Bharatwada Road
Nagpur (M.S.) - 440035


Manager
Blossom School
Pawangaon



REGIONAL WATER TESTING LABORATORY
OFFICE OF THE DEPUTY DIRECTOR
GROUNDWATER SURVEY & DEVELOPMENT AGENCY,
NAGPUR REGION, NAGPUR
MJP Building, B Wing 2nd Floor Telenkhedi, Nagpur-440001
Email: ddgsdangp@gmail.com

WATER ANALYSIS REPORT

Test Report No- TC4932300000103P

Date :- 18/01/2024

Issued To :		Sample Inward No : RWTL/GSDA/NG/02/01/2024	Analysis Start : 11/01/2024
Principal, Blossom School, 12/1B, Bharatwada Road Dist-Nagpur		Inward Date : 05/01/2024	Analysis End : 11/01/2024
		Reference Letter :	Sample Category : Water
Sample : Water	Sample Source : Openwell	Sample Particulars / Details : Water Sample	Quantity Received: 1 Litre
Sample Collected By : Customer		Sampling Date : Sampling Time : Not Given	Sampling Location : In Premises of Blossom School, 12/1B, Bharatwada Road, Nagpur
		Environmental Condition Temp. °C - 29 Humidity - 62%	
Test required : Colour, Odour, Turb, pH, EC, TDS, TH, F, No3, Fe, CL, SO ₄ , TA.			

Parameters Under NABL Accreditation Scope

Sr No	Test Parameter	Measurement Unit	Test Method	Test Result
1	pH	-	APHA 23 RD EDN, METHOD 4500 H+B	S1 7.90
2	Electrical conductivity	uS/cm	APHA 23 RD EDN, METHOD 2510 B	1390
3	Total dissolved solid	mg/l	APHA 23 RD EDN, METHOD 2540 C	903
4	Total hardness	mg/l	APHA 23 RD EDN, METHOD 2340 C	312
5	Fluoride	mg/l	APHA 23 RD EDN, METHOD 4500F'D	0.35
6	Nitrate	mg/l	APHA 23 RD EDN, METHOD 4500NO ₃ 'B	6
7	Iron	mg/l	APHA 23 RD EDN, METHOD 3500 Fe'B	0.24

Reviewed by

Chemist

RWTL, GSDA, Nagpur
Chemist



Authorised by

Junior Chemist
RWTL, GSDA, Nagpur
Junior Chemist



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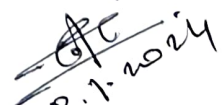
Sr No	Test Parameter	Measurement Unit	Test Method	Test Result		
				S1	S2	S3
1	Colour	-	-			
				Agreeable		
2	Odour	-	-			
				Agreeable		
3	Turbidity	NTU	-			
				0.10		
4	Sulphate	mg/l	APHA 23 RD EDN, METHOD 4500 SO ₄ B			
				112		
5	Total Alkalinity	mg/l	APHA 23 RD EDN, METHOD 2320 B			
				360		
6	Chloride	mg/l	APHA 23 RD EDN, METHOD 4500CL B			
				156		
Bacteriological Analysis						
				S1	S2	S3
1	T.Coliform	MPN/100 MI	Multiple Tube Fermentation Method	0	0	0
2	E.Coli	MPN/100 MI	Multiple Tube Fermentation Method	0	0	0

Remark-

1. The test results only relate to the samples tested.
2. The report shall not be reproduced except in full, without the written approval of the laboratory.
3. The Sample is collected by the client himself. The laboratory did not perform sample collection.
4. The customer may refer to BIS standard on page 3 of this report to judge suitability of tested water source for drinking based on analysed parameters.
5. BDL – Below Detection Limit

Reviewed by

Authorised by


18.1.2024
Junior Chemist,
RNTA, GSDA, Nagpur



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BIS DRINKING WATER STANDARD

(10500 :2012)

Sr.No.	Characterstics	Acceptable Limit	Permissible Limit in absence of Alternate Source
1	Colour, Hazen Unit	5	15
2	Odour	Agreeable	Agreeable
3	pH	6.5 -8.5	No relaxation
4	Turbidity, NTU	1	5
5	TDS mg/l	500	2000
6	Fluoride mg/l	1.0	1.5
7	Chloride mg/l	250	1000
8	Iron mg/l	1.0	No relaxation
9	Nitrate mg/l	45	No relaxation
10	Sulphate mg/l	200	400
11	Total Alkalinity(as CaCO ₃)mg/l	200	600
12	Total Hardness (as CaCO ₃)mg/l	200	600
13	Total Coliform	0	0
14	E.Coli	0	0

ATC
18.1.2024
Ganesh A. Thakur
Junior Chemist
RWTL, GSDA, Nagpur

