

F. No. - 150

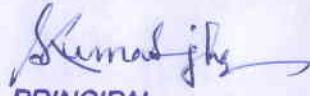
Date: 29/4/22

TO WHOM IT MAY CONCERN

This is to certify that DAV PUBLIC SCHOOL, MOM-SAIL, CHIRIA, WEST SINGHBHUM, JHARKHAND-833106 has proper filtered drinking water facilities and sanitary provision for the Boys and Girls students of the School. There has also been adequate sanitary and drinking water provision for the Teaching and Non-Teaching staff members of the School.


MEDICAL OFFICER
MANCHALPUR PHC
WEST SINGHBHUM, JHARKHAND-833106

WEST SINGHBHUM, JHARKHAND-833106


PRINCIPAL

D.A.V. Public School, MOM, Chiria
Singhbhum (W) Jharkhand-833106



(Government of Jharkhand)

District Level Water Testing Laboratory, Chaibasa (West Singhbhum)

Email – dlwtlchaibasawestsinghbhum@gmail.com Phone No. – 7782955633

Water Sample Analysis Report

Name & Address of Customer :	D.A.V PUBLIC SCHOOL CHIRIYA , MANOHARPUR		Ref. No. 2022M05
Source details (ex: Hand Pump, Pws, etc .)	HAND PUMP	Sample Collected By:	Customer
Date of start of analysis:	06/05/2022	Date of completion of analysis :	07/05/2022

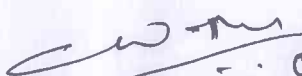
I . Physico-chemical Parameters

Sl. No.	Parameter	Results	Method Reference	BIS10500:2012 (Acceptable- Permissible Limits)
1	pH	7.23	APHA -23 rd Edition 2017- 4500 -H' B	6.5 - 8.5
2	Electrical Conductivity (uS/cm)	621	APHA -23 rd Edition 2017- 2130	-----
3	Total Dissolved Solids (TDS)	404	APHA -23 rd Edition 2017- 2540 - C	500 - 2000
4	Turbidity (NTU)	1.2	APHA -23 rd Edition 2017- 2130 - B	1 - 5
5	Total Alkalinity as CaCO ₃	168	APHA -23 rd Edition 2017- 2320 - B	200 - 600
6	Total Hardness as CaCO ₃	360	APHA -23 rd Edition 2017- 2340 -C	200 - 600
7	Calcium as Ca ²⁺	76.8	APHA -23 rd Edition 2017- 3500 Ca - B	25- 200
8	Magnesium as Mg ²⁺	40.32	APHA -23 rd Edition 2017 - 3500 - Mg - B	30 - 100
9	Chloride as Cl ⁻	105.2	APHA -23 rd Edition 2017- 4500 - CL - B	250 - 1000
10	Sulphate as SO ₄ ²⁻	-	APHA -23 rd Edition 2017- 4500 - SO ₄ - E	200 - 400
11	Sodium as Na ⁺	-	APHA -23 rd Edition 2017- 3500 - Na - B	-----
12	Potassium as K ⁺	-	APHA -23 rd Edition 2017- 3500 - K - B	-----
13	Fluoride as F ⁻	0.152	APHA -23 rd Edition 2017- 4500 - F - C	1.0 - 1.5
14	Phosphate as PO ₄ ²⁻	-	APHA -23 rd Edition 2017- 4500 - P- D	-----
15	Nitrate as NO ₃	-	APHA -23 rd Edition 2017- 4500 - NO ₃ -B	0 - 45.0
16	Total Iron as Fe	0.19	APHA -23 rd Edition 2017- 3500 - Fe - B	1.0
17	Total Arsenic as As	-	APHA -23 rd Edition 2017- 3500- As -B	0.01

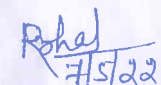
II. Bacteriological Parameters

18	Total Coliforms (CFU/100mL)	-	APHA -23 rd Edition 2017- 9221 -D	Shall not be detectable in any 100 mL Sample
19	Thermotolerant Coliforms (CFU / 100mL)	-	APHA -23 rd Edition 2017- 9221 - E	Shall not be detectable in any 100 mL Sample
20	H ₂ S Vials for Bacteriological test	NO	TWAD Board , Chennai	Contamination (Yes /No)

Note: - All the parameters are expressed in milligrams/ litre (mg/L) except pH, Electrical Conductivity (uS/cm)
and Turbidity (NTU)


07/05/22
Technical Manager
District Level Water Testing Laboratory
D.W.& S. Division, Chaibasa


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7/5/22
Quality Manager
District Level Water Testing Laboratory
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