

APPENDIX - VIII

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION
CERTIFICATE.

No. 1172

Date : 19-6-24

It is certified that an inspection team headed by Nitesh Kumar
, Assistant Engineer (Name of Officers
with designation) from D.W.S. Sub-Division Noamundi (Name of
Department/Office) inspected the Kerala English Medium School,
Jagannathpur, West Singhbhum, Jharkhand (Name & Address of
the School) on 10.04.2024 and found that the Kerala English Medium
School, Jagannathpur, West Singhbhum (Name of 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 the norms
prescribed by the Central/State/U.T Govt.

The above valid for a period of 10.4.2024 to 10.4.2026

Nitesh Kumar
19-06-24
AE

Signature with Seal : *[Signature]*

Name

: BINOD KUMAR

Designation

:

Executive Engineer
D.W. & S. Division
Chaibasa

To

The Principal

Kerala English Medium

School, Jagannathpur

(Name & Address of the Institution)

[Signature]
Manager

KERALA ENGLISH MEDIUM SCHOOL
(Senior Sec. Affiliated to C.B.S.E., New Delhi)
Jagannathpur, West Singhbhum, Jharkhand-833203

[Signature]

Principal
KERALA ENGLISH MEDIUM SCHOOL
(Senior Sec. Affiliated to C.B.S.E., New Delhi)
Jagannathpur, West Singhbhum, Jharkhand-833203



(Government of Jharkhand)
District Level Water Testing Laboratory, Chaibasa (West Singhbhum)
Email – dlwtlchaibasawestsinghbhum@gmail.com

Water Sample Analysis Report

Name & Address of Customer :	KERALA ENGLISH MEDIUM SCHOOL JAGANNATHPUR		Ref. No. 240319GWJJ13
Source details (ex: Hand Pump, Pws, etc.)	GROUND WATER	Sample Collected By:	Customer
Date of start of analysis:	19/03/2024	Date of completion of analysis :	20/03/2024

I. Physico-chemical Parameters

Sl. No.	Parameter	Results	Method Reference	BIS10500:2012 (Acceptable- Permissible Limits)
1	pH	7.42	APHA -23 rd Edition 2017- 4500 -H ⁺ B	6.5 - 8.5
2	Electrical Conductivity (uS/cm)	675.38	APHA -23 rd Edition 2017- 2130	-----
3	Total Dissolved Solids (TDS)	439	APHA -23 rd Edition 2017- 2540 - C	500 - 2000
4	Turbidity (NTU)	1.7	APHA -23 rd Edition 2017- 2130 - B	1 - 5
5	Total Alkalinity as CaCO ₃	212	APHA -23 rd Edition 2017- 2320 - B	200 - 600
6	Total Hardness as CaCO ₃	428	APHA -23 rd Edition 2017- 2340 -C	200 - 600
7	Calcium as Ca ²⁺	88	APHA -23 rd Edition 2017- 3500 Ca - B	25- 200
8	Magnesium as Mg ²⁺	49.92	APHA -23 rd Edition 2017 - 3500 - Mg - B	30 - 100
9	Chloride as Cl ⁻	49.99	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 ⁻	0.5	APHA -23 rd Edition 2017- 4500 - F - C	1.0 - 1.5
14	Phosphate as PO ₄ ³⁻	-	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	0.15	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	H2S 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)

A. Hemant Kumar

Principal
KERALA ENGLISH MEDIUM SCHOOL
(Senior Sec. Affiliated to C.B.S.E., New Delhi)
Jagannathpur, West Singhbhum, Jharkhand-833203

Shan
Manager

KERALA ENGLISH MEDIUM SCHOOL
(Senior Sec. Affiliated to C.B.S.E., New Delhi)
Jagannathpur, West Singhbhum, Jharkhand-833203

27/03/24
Technical Manager
District Level Water Testing Laboratory
D.W.& S. Division, Chaibasa