

APPENDIX - VIII

**PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY
CONDITION CERTIFICATE.**

No. CRN/SKL/NOV 22/114

Date : 14/11/2022

It is certified that an inspection team headed by Subrat Kumar Biswal
chemist,

(Name of Officers with designation) from D.L.W.T

Laboratory, SaraiKela (Name of Department / Office) inspected the
**KVPSDS GIRLS HIGH SCHOOL (20202010702), WARD-7, SERAIKELLA,
SARAIKELA-KHARSAWAN, Pin-833219, Jharkhand** on 14/11/2022 (Date)

and found that the **KVPSDS GIRLS HIGH 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 **till next inspection.** 7 months

Signature with Seal :

Mangilal Gilua
21/11/2022
Executive Engineer
D. W. & S. Division
SaraiKela

Name

: MANGI LAL GILUA

Designation

: ASSISTANT ENGINEER

To
Principal,
KVPSDS GIRLS HIGH SCHOOL,
WARD-7, SERAIKELLA, SARAIKELA-KHARSAWAN,
Pin - 833219, Jharkhand.



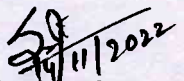
(Government of Jharkhand)
District Level Water Testing Laboratory, Saraikella
Email –dlwtsaraikela@gmail.com
Water Sample Analysis Report

Name & Address of Customer :	K.V.P.S.D.S.S. Girls High School, Saraikela-833219		
Source details (ex: Hand Pump, Pws, etc .)	Tap Water - \uparrow	Sample Collected By:	School Staff
Date of start of analysis:	14-11-2022/ 11:10 am	Date of completion of analysis :	14-11-2022/ 3:40 pm

I . Physico-chemical Parameters

Sl. No.	Parameter	Results	Method Reference	BIS10500:2012 (Acceptable- Permissible Limits)
1	pH	7.0	APHA -23 rd Edition 2017-4500 -H ⁺ B	6.5 - 8.5
2	Electrical Conductivity (uS/cm)	-	APHA -23 rd Edition 2017-2130	-----
3	Total Dissolved Solids (TDS)	554	APHA -23 rd Edition 2017-2540 - C	500 - 2000
4	Turbidity (NTU)	1.1	APHA -23 rd Edition 2017-2130 - B	1 - 5
5	Total Alkalinity as CaCO ₃	200	APHA -23 rd Edition 2017-2320 - B	200 - 600
6	Total Hardness as CaCO ₃	152	APHA -23 rd Edition 2017-2340 -C	200 - 600
7	Calcium as Ca ²⁺	-	APHA -23 rd Edition 2017-3500 Ca - B	25- 200
8	Magnesium as Mg ²⁺	-	APHA -23 rd Edition 2017-3500 - Mg - B	30 - 100
9	Chloride as Cl ⁻	110	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 ⁻	0.14	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	0.09	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
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	OCTOPUS Inc, GUJARAT	Contamination (Yes /No)

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


Lab Chemist

District Level Water Testing Laboratory
Saraikela, Jharkhand



(Government of Jharkhand)
District Level Water Testing Laboratory, Saraikella
Email -dlwtsaraikela@gmail.com

Water Sample Analysis Report

Name & Address of Customer :	K.V.P.S.D.S.S. Girls High School, Saraikela-833219		
Source details (ex: Hand Pump, Pws, etc.)	Tap Water -2	Sample Collected By:	School Staff
Date of start of analysis:	14-11-2022/ 11:10 am	Date of completion of analysis :	14-11-2022/4:10 pm

I. Physico-chemical Parameters

Sl. No.	Parameter	Results	Method Reference	BIS10500:2012 (Acceptable- Permissible Limits)
1	pH	7.0	APHA -23 rd Edition 2017-4500 -H ⁺ B	6.5 - 8.5
2	Electrical Conductivity (uS/cm)	-	APHA -23 rd Edition 2017-2130	-----
3	Total Dissolved Solids (TDS)	474	APHA -23 rd Edition 2017-2540 - C	500 - 2000
4	Turbidity (NTU)	1.6	APHA -23 rd Edition 2017-2130 - B	1 - 5
5	Total Alkalinity as CaCO ₃	172	APHA -23 rd Edition 2017-2320 - B	200 - 600
6	Total Hardness as CaCO ₃	124	APHA -23 rd Edition 2017-2340 - C	200 - 600
7	Calcium as Ca ²⁺	-	APHA -23 rd Edition 2017-3500 Ca - B	25 - 200
8	Magnesium as Mg ²⁺	-	APHA -23 rd Edition 2017-3500 - Mg - B	30 - 100
9	Chloride as Cl ⁻	99.25	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 ⁻	0.11	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	0.04	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
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	OCTOPUS Inc, GUJARAT	Contamination (Yes /No)

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

SG
14/11/2022
Lab Chemist

District Level Water Testing Laboratory
Saraikela, Jharkhand