

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, BARGARH

E-mail. – dllbargarh@gmail.com



WATER ANALYSIS REPORT TEST REPORT NO.- DWTLB - 56/2026 - 27/ S1

Issue No : - 56

Date :- 21.09.2026



Sample Particulars

Details of Sampling

Name of the Customer :-

The Principal
VIKASH First Step
Bargarh

Type of Source :-

Surface Water, Drinking Water, Ground Water

Sample receive date :-
Vide letter No.

Letter No :- 564 / Dt.17.09.2026

Sample Registration Date :-

Dt. 18.09.2026

Sampling Protocol :-

Samples is not collected by this Laboratory

Sample Collected by :-

The Principal
VIKASH First Step, Bargarh

Sample Address

Sample
code no

Location Address

Type of Source

1

VIKASH First Step , Bargarh

Ground Water

Test started on -

18.09.2026

Test completed on

19.09.2026

Sl.
No

Test Parameters

Units

Results

BIS

Acceptable Limit

Permissible
Limit

Test Method

1	Temperature	°C	26.3°C		-	APHA 24th Ed 2023. -2550- B Laboratory Method
2	Colour	CU Unit	5	1	5	APHA 24th Ed 2023. -2120- B Colour Method (Platinum Cobalt Visual Comparison)
3	Odour	-	Agreeable	-	-	APHA 24th Ed 2023. -2150-B:Threshold Odour Test
4	Taste	-	Agreeable	-	-	APHA 24th Ed 2023. -2160- B: Flavour Threshold Test
5	Turbidity	NTU	1.2	1.0	5.0	APHA 24th Ed.2023 -2130 B (Nephelometric Method):2023
6	Total Dissolved Solids (TDS)	mg/l	45	500	2000	APHA 24th Ed.2540 C Gravimetric Method) Dried at 180°C
7	Elect. Conductivity	µmho/cm	100	---	----	APHA 24th Ed 2023- 2510 B::Laboratory Method
8	pH at 26.3°C	pH Unit	6.35	6.5 to 8.5	No relaxation	APHA 24th Ed.2023 – 4500 H * B. Electrometric Method
9	Chloride	mg/l	12	250	1000	APHA 24th Ed.2023-4500- Cl ⁻ B. (Argentometric Method)
10	Total Hardness (as CaCO ₃)	mg/l	40	200	600	APHA 24th Ed.2023- 2340. C . (EDTA Titrimetric Method);
11	Total Alkalinity (as CaCO ₃)	mg/l	40	200	600	APHA 24th Ed.2023 2320 B (Titration Method)
12	Total Iron	mg/l	0.02	1.0	No relaxation	APHA 24th Ed.2023- 3500 -Fe B (Phenanthroline Method)
13	Fluoride	mg/l	0.03	1	1.50	APHA 24th Ed.2023- 4500-F ⁻ - SPADNS method
14	Total Coliforms	(MPN/100)	00	Shall not be detected in any 100 ml Samples		ColiIert -18 /IDEXX- Quantity Tray. (Enzyme Substrate Test- APHA 24 TH Ed 9223- Cl- B)
15	E-Coli	(MPN/100)	00			

Counter sign by

Jr. Lab Assistant

District Water Testing Laboratory
RWSS Division, Bargarh

Pugulati Mahapatra
**Principal
Vikash First Step
Bargarh**

Smt. Smt. Smt.
**Superintending Engineer
RWSS Division, Bargarh**

Annexure C

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 268

Dated: 21.09.2026

It is certified that an inspection team headed by Amrish Kabat, J.E.

(Name of Officers with designation) from Section Bargarh PHED

inspected the Vikash First step Bargarh

(Name & Address of the school) on 18.09.2026 (date of inspection) and on the basis of

Water Test Report (Attached) bearing no. 56/2026-27/51 dated 21.09.2026

of D.N.T. L. RWSS Bargarh (PHED Lab) certified that

the Vikash First step Bargarh (Name of school) has safe drinking water

facilities for the students and members of staff of the institution. School is also maintains the

hygienic sanitation condition in the school building & the campus as per norms prescribed by the

Central/ State/ U.T. Govt.

This certificate is valid till 20.09.2027

Signature with Seal: Amrish Kabat

Name: Amrish Kabat

Designation: Public Engineer

Name & Address of the Office / Department: RWSS Bargarh

To The Principal
Vikash First step Bargarh
(Name & Address of the Institution)

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies