

**DISTRICT LEVEL WATER TESTING LABORATORY, BEGUSARAI**

Report No. :- WQ/ T/ 01/ 2007 - 19 Dt. 04.05.2026

Ref Memo No. :- CDFPS/BGS/02/2026-27

Agency Name :- C.D. Fort Public School, Khodawandpur, Begusarai

Sample Collected By :- School Staff

Date of Sampaling - 03.04.2026

Sampal recieved on- 20.04.2026

Type Of Sample:- Treated Water

Source of Sample :- Boring

**PHYSICO-CHEMICAL TEST REPORT**

Sl. No.	SITE NAME	Physico - Chemical Parameters ppm ( mg / l )										Bacteriological			
		pH	Turbidity	Test	TDS	Total Hardness	Calcium	Magnesium	Chloride	Alkalinity	Iron		Nitrate	Arsenic	Colour
1	C.D. Fort Public School, Khodawandpur, Begusarai	7.42	1	Agreeable	145	96	35	9	12	123	0.63	5	BDL	<5	Negative
	Desirable Limit*	6.5-8.5	1 NTU	Agreeable	500mg/l	200mg/l	75mg/l	30mg/l	250mg/l	200mg/l	1.0mg/l	45mg/l	0.01mg/l	5 HU	..
	Permissible Limit* in absence of alternate source	NR	5 NTU	NR	2000mg/l	600mg/l	200mg/l	100mg/l	1000mg/l	600mg/l	NR	NR	NR	15 HU	..
	Method of Testing Parameters	pH meteric	Nephelometric	IS 3025 (Part 8) : 2023	Conductivity Meter	EDTA Titration	EDTA Titration	EDTA Titration	Silver Nitrate Titration	Acid Titration	Phenanthroline Spectrophotometric	UV Spectrophotometric	UV Spectrophotometric	UV Spectrophotometric	[H2S vial]

**Note:-**

\* (1) Drinking Water Specification 2nd Revision -IS:10500:2012

\* (2) Testing Methods are taken by APHA 24th Edition

\* (3) NR/ A = Not Relaxation/ Agreeable

\* (4) NT. = Not Tested

\* (5) BDL = Below Detection Limit,

**Remarks:-**

*Handwritten signature*  
09/05/2026

Chemist (DLWTL)

P.H.Division Begusarai