BELPAHAR ENGLISH MEDIUM SCHOOL, BELPAHAR
WATER TESTING REPORT

TEST REPORT — TEST DATE- 22.07.2020 TIME- 02.30 PM

LTC COMMERCIAL COMPANY PVT. LTD., JHARSUGUDA WATCO LABORATORY, PHD OFFICE 1ST FLOOR, NEAR DHH JHARSUGUDA, IN FRONT OF BLACK DIAMOND COLLEGE, DIST- JHARSUGUDA, PIN-768201

Sr.No.	LTC		Limits (As per IS 10500)		BELPAHAR ENGLISH MEDIUM SCHOOL, TPL WTP, BELPAHAR							
	PARAMETERS	TEST METHOD	Acceptable Limit	Permissible Limit in the Absence of Alternate Source	WTP							
					BPH-019425							
1	pH	IS 3025 (P-11)	6.5-8.5	No relaxation	6.82							
2	Conductivity (µs/cm)	IS 3025 (P-14)	NA	NA	193.4							
3	Turbidity (NTU)	IS 3025 (P-10)	1	5	0.401							
4	Free Residual Chlorine (mg/l)	APHA 4500 Cl/B 3025/Part 26)	0.2	1	0.00							
5	Total Dissolved Solids (mg/l)	IS 3025 (P-16)	500	2000	125							
6	Odour, TON	IS 3025 (P-5)	Agreeable	Agreeable	Agreeable							
7	Colour (PtCo)	IS 3025 (P-4)	5	15	0							
8	Ammonia as N (mg/l)	IS 3025 (P-34)	0.5	No relaxation	0.004							
9	Alkalinity(as CaCO3) (mg/l)	IS 3025 (P-23)	200	600	45							
10	Hardness (as CaCO3) (mg/l)	IS 3025 (P-21)	200	600	66							
11	Calcium (as Ca) (mg/l)	IS 3025 (P-40)	75	200	10.42							
12	Magnesium (as Mg) (mg/l)	IS 3025 (P-46)	30	100	9.72							
13	Chloride (as Cl) (mg/l)	IS 3025 (P-32)	250	1000	19.99							
14	Dissolve Oxygen (mg/l)	APHA 4500 OH	NA	NA	7.89							
15	Sodium (mg/l)	IS 3025 (P-45)	NA	NA	6.2							
16	Potassium (mg/l)	IS 3025 (P-45)	NA	NA	10.1							
17	Iron (as Fe) (mg/l)	IS 3025 (P-53)	1	No relaxation	0.00							
18	Fluoride (as F) (mg/l)	IS 3025 (P-60)	1.0	1.5	0.071							
19	Nitrate (as NO3) (mg/l)	IS 3025 (P-34)	45	No relaxation	0.00							
20	Manganese (mg/l)	IS 3025 (P-59)	0.1	0.3	0.05							
21	Sulphate (mg/l)	IS3025 (P-24)	200	400	27.35							
22	Coliform Organism (MPN/100 ml)	IS 1622-1981	NA	NA	NR							
23	E.Coli (Present/Absent) (MPN/100 ml)	IS 1622-1981	NA	NA	NR							
24	MS2PHAGE, PFU/100ml	USEPA 1602	NA	NA	NA							

Note: For SW-Biological Method to be Followed (IS:1622-1981) TW - Tube Well, PW- Production Well, SS- Surface source, DS- Distribution System,HDL-Below Detection Limit,NR-Not Required (As per Agreement)

REPORT BY- DEO S. Dash WATCO MANAGER-

Lab Incharge
Water Testing Divisional Laboratory
WATCO Division, Jharsuguda

TEST REPORT

TEST DATE- 22.07.2026 TIME- 02.30 PM

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