

Date 27/9/26
 W.T.P. Bawana



DELHI JAL BOARD (GOVT. OF N.C.T. DELHI)
 QUALITY CONTROL LABORATORY,
 WATER TREATMENT PLANT BAWANA,
 DELHI-110039



DATE: 19.09.2026

Water samples collected from Khemo Devi Public School, Kh.No. 33/4, Safiabab Road, Narela, Delhi-110040 vide Challan no. 204 Dated 14.09.2026.

S1: DJB Supply

S2: Drinking Point in the premises after R.O.

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1	S2
			Acceptable	Permissible		
1.	Date of collection	--	---	---	15.09.2026	15.09.2026
2.	Date of Analysis	--	---	---	15.09.2026	15.09.2026
3.	Colour	C.U.	5	15	Clear	Clear
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U	1.0	5.0	3.82	2.21
6.	pH value	--	6.5 to 8.5	N.R.	7.6	7.5
7.	Electrical Conductivity	µmhos/cm	---	---	242.0	169.0
8.	Total Dissolved Solid	(mg/l)	500	2000	157.3	109.85
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	---	---	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	74.0	36.0
11.	Total Hardness	(mg/l)	200	600	116.0	32.0
12.	Calcium Hardness	(mg/l)	---	---	89.0	16.0
13.	Magnesium Hardness	(mg/l)	---	---	27.0	16.0
14.	Calcium as Ca	(mg/l)	75	200	35.6	6.4
15.	Magnesium as mg	(mg/l)	30	100	6.48	3.84
16.	Ammonia (as NH ₃ -N)	(mg/l)	0.5	N.R.	ND	ND
17.	Nitrite -Nitrogen (N)	(mg/l)	---	---	ND	ND
18.	Nitrate (NO ₃ ⁻)	(mg/l)	45	N.R.	2.71	1.95
19.	Sulphate (SO ₄ ²⁻)	(mg/l)	200	400	29.91	18.12
20.	Chloride (Cl ⁻)	(mg/l)	250	1000	16.0	11.0
21.	Iron (Fe)	(mg/l)	0.3	N.R.	0.03	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.36	0.22
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	Absent	Absent
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.30	Nil
BACTERIOLOGICAL EXAMINATION						
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0		0	0

Remarks: As per above tested parameters, Both Samples S1 and S2 were found satisfactory and can be used for drinking purpose.

Asst. Chemist

Asst. Bacteriologist

Chemist/Bacteriologist

A.C.W.A. (Bawana)

Khemo Devi Public School

 Manager

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