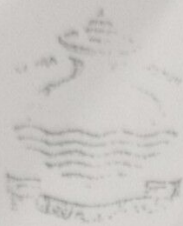
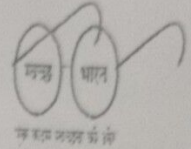


SAVE WATER, SAVE LIFE



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



Water samples collected From Khemo Devi Public School, Kh. No. 33/4, Safiahad Road, Narela, New
Delhi-110040 with Challan No.86 Dated 30.05.2025

S1: Here well
S2: R.O. System

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1	S2
			Acceptable	Permissible		
1.	Date of collection	--	---	---	03.07.2025	03.07.2025
2.	Date of Analysis	--	---	---	04.07.2025	04.07.2025
3.	Colour	C.U.	5	15	Clear	Clear
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U	1.0	5.0	3.14	1.68
6.	pH value	--	6.5 to 8.5	N.R.	7.2	7.0
7.	Electrical Conductivity	µmhos/cm	---	---	5368.0	196.0
8.	Total Dissolved Solid	(mg/l)	500	2000	3489.2	127.4
CHEMICAL EXAMINATION						
9.	Total Alkalinity as CaCO ₃	(mg/l)	---	---	Nil	Nil
10.	Total Hardness	(mg/l)	200	600	397.0	46.0
11.	Calcium Hardness	(mg/l)	200	600	1641.0	68.0
12.	Magnesium Hardness	(mg/l)	200	600	737.0	52.0
13.	Iron as mg	(mg/l)	75	200	904.0	16.0
14.	Ammonia (as NH ₃ -N)	(mg/l)	30	100	294.8	20.8
15.	Nitrite -Nitrogen (N)	(mg/l)	0.5	N.R.	216.96	3.84
16.	Nitrate (NO ₃)	(mg/l)	---	---	ND	ND
17.	Sulphate (SO ₄)	(mg/l)	45	N.R.	0.012	ND
18.	Chloride (Cl)	(mg/l)	200	400	36.41	1.63
19.	Iron (Fe)	(mg/l)	250	1000	502.91	25.24
20.	Fluorides (F)	(mg/l)	1.0	N.R.	1136.0	30.0
21.	Cyanides (CN)	(mg/l)	1.0	1.5	0.08	0.03
22.	Residual Chlorine	(mg/l)	0.05	N.R.	1.19	0.27
23.	BACTERIOLOGICAL EXAMINATION		0.2	1.0	Absent	Absent
24.	Coli form per 100 ml at 37°C	MPN/100 mL	0		Nil	Nil
25.					42	0

Remarks: As per above tested parameters, Samples S1 found unsatisfactory while Sample S2 found satisfactory and can be used for drinking purpose after proper disinfection.

Asst. Chemist/ Asst. Bacteriologist

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