



SAVE WATER, SAVE LIFE

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



Office of A.C.W.A.
 Diary No. 241
 Date 20.11.25
 W.T.P. Bawana

Water samples collected from Maharishi Dayanand Vidya Bhawan, Kanjhawala Road, Ishwar Colony, Bawana New Delhi-110040 vide Challan no. - 206 Dated 04.11.2025.
 S1 : DJB Supply
 S2 : R.O. System

DATE: 20.11.2025

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		S1	S2
			Acceptable	Permissible		
1.	Date of collection	--	--	--	10.11.2025	10.11.2025
2.	Date of Analysis	--	--	--	10.11.2025	10.11.2025
3.	Colour	C.U.	5	15	Clear	Clear
4.	Odour	--	Agreeable		Agreeable	Agreeable
5.	Turbidity	N.T.U	1.0	5.0	1.97	1.06
6.	p ^H value	--	6.5 to 8.5	N.R.	7.8	7.6
7.	Electrical Conductivity	µmhos/cm	---	---	345.0	63.0
8.	Total Dissolved Solid	(mg/l)	500	2000	224.25	40.95
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	(mg/l)	---	---	Nil	Nil
10.	Total Alkalinity	(mg/l)	200	600	108.0	14.0
11.	Total Hardness	(mg/l)	200	600	148.0	12.0
12.	Calcium Hardness	(mg/l)	200	600	96.0	8.0
13.	Magnesium Hardness	(mg/l)	200	600	52.0	4.0
14.	Calcium as Ca	(mg/l)	75	200	38.4	3.2
15.	Magnesium as mg	(mg/l)	30	100	12.48	0.96
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.	5.37	1.75
19.	Sulphate (SO ₄)	(mg/l)	200	400	37.82	2.78
20.	Chloride (Cl)	(mg/l)	250	1000	12.0	8.0
21.	Iron (Fe)	(mg/l)	1.0	N.R.	0.04	0.02
22.	Fluorides (F)	(mg/l)	1.0	1.5	0.75	0.25
23.	Cyanides (CN)	(mg/l)	0.05	N.R.	Absent	Absent
24.	Residual Chlorine	(mg/l)	0.2	1.0	0.35	Nil
BACTERIOLOGICAL EXAMINATION						
25.	Coli form per 100 ml at 37°C	MPN/100 mL	0	0	0	0

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

Dilip

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