



DELHI JAL BOARD
(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT NANGLOI , DELHI-110041



Water Samples collected "B.S. International School" Plot no. 26, Dalip vihar, Nilothi Extn, Ch. Dalip Singh Marg, New Delhi - 110041 Vide Challan No.311 Dated : - 11.10.2023.

S1:- Borewell Supply

S2 :- Drinking Point R. O. water

S. No.	Particulars	Units	Limit		S1	S2
			Acceptable	Permissible		
PHYSICAL EXAMINATION						
1.	Date of collection	-----	--	--	12.10.23	12.10.23
	Date of Analysis	-----	--	--	13.10.23	13.10.23
3.	Colour	Hazen	5.0	15	Clear	Clear
4.	Odour	-----	No. Objectionable		No Obj.	No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	1.2	1.0
6.	PH value	-----	6.5	8.5	7.6	6.8
7.	Electrical Conductivity	µmho	--	--	1210	210
8.	Total dissolved solids	mg/l	500	2000	786.5	136.5
CHEMICAL EXAMINATION						
9.	Phenolphthalein Alkalinity	mg/l	--	--	Nil	Nil
10.	Total Alkalinity	mg/l	200	600	182	48
11.	Total Hardness	mg/l	200	600	242	64
12.	Calcium Hardness	mg/l	--	--	164	24
13.	Magnesium Hardness	mg/l	--	--	78	40
14.	Calcium as Ca	mg/l	75	200	65.6	9.6
15.	Magnesium as Mg	mg/l	30	100	18.72	9.6
16.	Ammonia as N	mg/l	0.5	N.R.	NIL	NIL
17.	Nitrite as N	mg/l	---	--	0.004	NIL
18.	Nitrate as No ₃	mg/l	45	N.R.	8.4	1.2
19.	Sulphate	mg/l	200	400	64	14
20.	Chloride	mg/l	250	1000	164	20
21.	Dissolved Iron	mg/l	0.3	N.R.	0.16	0.02
22.	Fluoride	mg/l	1	1.5	0.24	0.04
23.	Cyanide	mg/l	0.05	N.R.	ND	ND
24.	Residual Chlorine	mg/l	0.20	1.0	NIL	NIL
BACTERIOLOGICAL EXAMINATION						
25.	Coli-form per 100 ml at 37°C	MPN	0		3.6	0

REMARKS : As per tested parameters Sample - S1 can be for drinking purpose in absence of alternate better source after proper disinfection & Sample - S2 can be use for drinking purpose.

Chemist

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