



DELHI JAL BOARD (GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
TRANS YAMUNA REGION TAHIRPUR DELHI-110093



NO: DJB/ACWA(TYR)/2021/.....

Diary No... 1142-27.10.2021

DATE:- 25-10-2021

Analysis report of DJB supply water samples collected from (1) Inlet, and (2) Outlet M/S DASHMESH PUBLIC SCHOOL SR. SEC. SCHOOL VASUNDHRA, Enclave, Delhi-96, for drinking purpose.
Ref. No:- DPS/File No.64/Ref. No.9353 on dated 15.09.2021.

Challan No:-133, dated:-15-09-2021

Date of collection:- 21-10-2021

S. No.	PARTICULARS	BIS:10500-2012 LIMITS		UNITS	RESULT	
		Desirable	Permissible		(1)	(2)
A. Physical Examination						
1.	Colour	...	...	-	Clear	Clear
2.	Odour	...	...	-	Chlor.	Chlor.
3.	Turbidity	1.0	5.0	NTU	2.02	2.10
4.	pH Value	6.5-8.5	--	-	7.5	7.5
5.	Electrical Conductivity	--	--	µs/cm	256	337
6.	Total Dissolved Solids	500	2000	mg/l	166	219
B. Chemical Examination						
7.	P th Alkalinity	45	NO RELAXATION	mg/l	NIL	NIL
8.	Total Alkalinity	200	600	mg/l	70	88
9.	Total Hardness	200	600	mg/l	104	104
10.	Calcium Hardness	....	....	mg/l	78	84
11.	Magnesium Hardness	....	....	mg/l	26	20
12.	Calcium as (Ca)	75	200	mg/l	31.2	33.6
13.	Magnesium as (Mg)	30	100	mg/l	6.24	4.80
14.	Ammonical Nitrogen	0.5	NO RELAXATION	mg/l	N.D	N.D
15.	Nitrite	....	....	mg/l	N.D	N.D
16.	Nitrate	45	NO RELAXATION	mg/l	0.69	2.96
17.	Sulphate	200	400	mg/l	42.2	38.5
18.	Chloride	250	1000	mg/l	12	22
19.	Fluoride	1.0	1.5	mg/l	0.24	0.02
20.	Total Iron	1.0	NO RELAXATION	mg/l	0.20	0.22
21.	Cyanide	0.05	NO RELAXATION	mg/l	N.D.	N.D.
22.	Residual Chlorine	0.2	1.0	mg/l	0.50	0.25

REMARKS:- On the basis of above tested parameters, both water samples conforms BIS: 10500-2012 and can be considered fit for drinking purpose.

ANALYST

25/10/21
CHEMIST

K. Singh
25/10/2021
ACWA (TYR)