

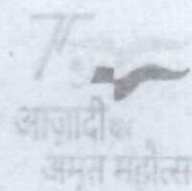


Delhi Jal Board

**OFFICE OF THE ACWA (RWS & BOTTLING PLANT)
DELHI JAL BOARD
QUALITY CONTROL DIVISION
BOTTLING PLANT, GREATER KAILASH, NEW DELHI-110048**



Licence No- CRO/QM/L-8004282, IS/ISO 9001:2015



Ref No:- DJB/QCL-RWS/GK-I/FLE-08/FRM-08/16

Dated: 14.08.2024

**Analysis Report of Water sample collected from:- M/S Red Roses Public School, D-Block, Saket, New Delhi- 110017.
Vide Challan No-32, Dated: 06.08.2024**

1. Inlet (Raw Water) near Play Ground
2. After R/O Ground Floor near Toilet
3. After R/O 2nd Floor
4. After R/O 1st Floor near Toilet

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		Result			
			Acceptable	Permissible				
					1.	2.	3.	4.
1.	Date of collection	---	---	---	12.08.2024	12.08.2024	12.08.2024	12.08.2024
2.	Date of Analysis	---	---	---	12.08.2024	12.08.2024	12.08.2024	12.08.2024
3.	Color	Hazer	5	15	Clear	Clear	Clear	Clear
4.	Odour	---	Non - Objectionable		Agreeable	Agreeable	Agreeable	Agreeable
5.	Turbidity	N.T.U	1.0	5.0	2.93	0.76	2.58	0.84
6.	pH value	---	6.5-8.5	N.R.	7.56	7.60	6.54	6.78
7.	Electrical Conductivity	µS/cm	---	---	250.1	234.7	232.9	251.3
8.	Total Dissolved Solid	(mg/L)	500	2000	162.6	152.6	151.4	163.3
9.	Phenolphthalein Alkalinity	(mg/L)	---	---	NIL	NIL	NIL	NIL
10.	Total Alkalinity (as CaCO ₃)	(mg/L)	200	600	68	68	52	66
11.	Total Hardness (as CaCO ₃)	(mg/L)	200	600	104	76	56	62
12.	Calcium Hardness	(mg/L)	---	---	64	20	24	32
13.	Magnesium Hardness	(mg/L)	---	---	40	56	32	30
14.	Calcium as 'Ca'	(mg/L)	75	200	25.6	08	9.60	12.8
15.	Magnesium as 'mg'	(mg/L)	30	100	9.60	13.44	7.68	7.20
16.	Ammonia (NH ₃ -N)	(mg/L)	0.5	N.R.	ND	ND	ND	ND
17.	Nitrite -Nitrogen (N)	(mg/L)	---	---	ND	ND	ND	ND
18.	Nitrate (NO ₃)	(mg/L)	45	N.R.	3.85	15.96	14.92	13.25
19.	Sulphate	(mg/L)	200	400	26.30	10.73	11.25	13.11
20.	Chloride (Cl)	(mg/L)	250	1000	30	36	36	38
21.	Iron (Fe)	(mg/L)	1.0	N.R.	0.01	0.01	0.01	0.01
22.	Fluoride	(mg/L)	1.0	1.5	0.04	ND	0.08	0.22
23.	Residual Chlorine	(mg/L)	0.2	1.0	1.50	ND	ND	ND

Remarks -On the basis of above parameters tested, the collected water samples 1, 2, 3 & 4 conform to the drinking water specification IS-10500-2012.

T.N. RAI
ACWA (RWS & BP)
Delhi Jal Board
Govt. of NCT of Delhi

Chemist

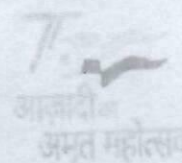
Principal
Red Roses Public School
(CBSE Affiliated Senior Secondary School)
D-Block, Saket
New Delhi - 110017
CBSE Affiliation No. 2730194

Asst. Chemist

**OFFICE OF THE ACWA (RWS & BOTTLING PLANT)
DELHI JAL BOARD
QUALITY CONTROL DIVISION
BOTTLING PLANT, GREATER KAILASH, NEW DELHI-110048**



Licence No- CRO/QM/L-8004282, IS/ISO 9001:2015



Dated: 14.08.2024

Ref No.: DJB/QCL-RWS/GK-I/FLE-08/FRM-08/16

Analysis Report of Water sample collected from:- M/S Red Roses Public School, D-Block, Saket, New Delhi- 110017.

vide Challan No-32, Dated: - 06.08.2024

- 5. After R/O 1st floor
- 6. After R/O 1st floor near toilet
- 7. After R/O 3rd floor

S. No.	PARAMETERS	UNITS	Limit as per B.I.S.10500:2012		Result		
			Acceptable	Permissible	5.	6.	7.
24.	Date of collection	---	---	---	12.08.2024	12.08.2024	12.08.2024
25.	Date of Analysis	---	---	---	12.08.2024	12.08.2024	12.08.2024
26.	Color	Hazen	5	15	Clear	Clear	Clear
27.	Odour	---	Non - Objectionable		Agreeable	Agreeable	Agreeable
28.	Turbidity	N.T.U	1.0	5.0	0.25	0.21	0.36
29.	pH value	---	6.5-8.5	N.R.	6.54	6.78	6.96
30.	Electrical Conductivity	µS/cm	---	---	288.8	389.0	396.3
31.	Total Dissolved Solid	(mg/L)	500	2000	187.7	252.8	257.6
32.	Phenolphthalein Alkalinity	(mg/L)	---	---	NIL	NIL	NIL
33.	Total Alkalinity (as CaCO ₃)	(mg/L)	200	600	66	90	92
34.	Total Hardness (as CaCO ₃)	(mg/L)	200	600	60	84	84
35.	Calcium Hardness	(mg/L)	---	---	36	58	52
36.	Magnesium Hardness	(mg/L)	---	---	24	26	32
37.	Calcium as 'Ca'	(mg/L)	75	200	14.4	23.2	20.8
38.	Magnesium as 'mg'	(mg/L)	30	100	5.76	6.24	7.68
39.	Ammonia (NH ₃ -N)	(mg/L)	0.5	N.R.	ND	ND	ND
40.	Nitrite -Nitrogen (N)	(mg/L)	---	---	ND	ND	ND
41.	Nitrate (NO ₃ ⁻)	(mg/L)	45	N.R.	15.78	22.24	19.72
42.	Sulphate	(mg/L)	200	400	12.97	23.09	19.48
43.	Chloride (Cl)	(mg/L)	250	1000	40	56	62
44.	Iron (Fe)	(mg/L)	0.3	N.R.	0.01	0.01	0.01
45.	Fluoride	(mg/L)	1.0	1.5	ND	ND	0.29
46.	Residual Chlorine	(mg/L)	0.2	1.0	ND	ND	ND

Remarks -On the basis of above parameters tested, the collected water samples 5, 6 & 7 Conform to the drinking water specification IS-10500-2012.

T. N. RAI
ACWA (RWS & BP)
Delhi Jal Board
Govt. of NCT of Delhi

Chemist

Principal
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Asst. Chemist

"STOP CORONA VIRUS-Wash Your Hand/Wear Mask/Maintain Social Distance"

 Delhi Jal Board	OFFICE OF THE ACWA (RWS & BOTTLING PLANT) DELHI JAL BOARD QUALITY CONTROL DIVISION BOTTLING PLANT, GREATER KAILASH, NEW DELHI-110048	 आज़ादी का अमृत महोत्सव
	 भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS IS / ISO 9001 QMS Licence No- CRO/QM/L-8004282, IS/ISO 9001:2015	

Date:-14/08/2024

Bacteriological Analysis Report

Ref:- DJB/QCL-RWS/GK-I/FLE-08/FRM-01/16

To,
 M/s Red Roses Public School,
 D-Block, Saket,
 New Delhi-110017

Party's ref. & Date - RRPS/DJB/2024-25/64 & 06/08/2024
 Dept. Challan No. & Date - 32 & 06/08/2024
 Date of sample collection - 12/08/2024
 No. of sample(s) - SEVEN (07)
 Reported on - 14/08/2024

Note: Coliform count at 37°C/100 ml after 48 Hrs.

S. No. as in record	Particulars	Clarity	R/Cl ₂ mg/L	Coliform MPN/ 100 ml
P1	Inlet(Raw Water) near playground.	Clear	1.5	0
P2	After Ro Ground floor near Toilet	Clear	ND	0
P3	After RO 2 nd floor	Clear	ND	2400*
P4	After RO 1 st floor near Toilet	Clear	ND	75
P5	After RO 1 st floor	Clear	ND	0
P6	After RO 2 nd floor	Clear	ND	0
P7	After RO 3 rd floor	Clear	ND	0

R/Cl₂= Residual Free Chlorine

Remarks: - The above collected water samples found satisfactory except Sample No. P3 & P4 found unsatisfactory in bacteriological examination.

ACWA (RWS)
 T. N. RAI
 ACWA (RWS & BP)
 Delhi Jal Board
 Govt. of NCT of Delhi

Bacteriologist (RWS)

Principal
 Red Roses Public School
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Lab. /Tech.