

DELHI JAL BOARD

GOVT. OF NCT OF DELHI

7821

ZONAL LABORATORY (SOUTH) OKHLA WATER WORKS NEW DELHI -25

M/S DEEPALAYA SCHOOL, PKT-A-14, Kailaji Ext., Gwvindhuri, N. Delhi.
(1) Tap Inlet of UGT Nr Main Gate.
(2) Tap w/cooler Nr stairs Ground floor

Ref. : A.C.W.A. (SOUTH) Period: 2020-21 P52-P53/Challan No. 213, Date: 03/12/2020 Date: 15/12/2020

S.No.	PARTICULARS	Units	Result		Remarks
	PHYSICAL EXAMINATION		(1)	(2)	
1.	Date of Collection/Report		← 14-12-2020 →		
2.	Colour/Clarity	Hazen	Clear	Clear	
3.	Odour		No. Obj	No. Obj	
4.	Turbidity (1-5)	NTU	4.02	3.73	
5.	Ph-Value (6.5-8.5)	-	7.6	7.8	
6.	Conductivity	µmho/cm2	553	446	
7.	T.D.S. (500-2000)	mg/l	360	290	
	CHEMICAL EXAMINATION				
1.	Phenolphthalin Alkalinity	mg/l	NIL	NIL	
2.	Total Alkalinity as CaCO ₃ (200-600)	mg/l	138	106	
3.	Total Hardness as CaCO ₃ (200-600)	mg/l	180	146	
4.	Carbonate Hardness	mg/l	138	106	
5.	Non Carbonate Hardness	mg/l	42	40	
6.	Calcium Hardness	mg/l	122	100	
7.	Magnesium Hardness	mg/l	58	46	
8.	Ammonia (Free & Saline as N) (0.5)	mg/l	ND	ND	
9.	Nitrite (as N)	mg/l	ND	ND	
10.	Nitrate (as NO ₃) (45)	mg/l	6.4	5.0	
	Sulphate (as SO ₄) (200-400)	mg/l	47.6	45.5	
12.	Chloride (as Cl) (250-1000)	mg/l	58	42	
13.	Iron (as Fe) (0.3)	mg/l	0.06	0.06	
14.	Fluoride (as F) (1-1.5)	mg/l	0.46	0.20	
15.	Calcium as Ca (75-200)	mg/l	48.8	40.0	
16.	Magnesium as mg (30-100)	mg/l	13.92	11.04	
17.	Chromium (as Cr ⁶⁺) (0.05)	mg/l	-	-	
18.	Cyanide (as CN) (0.05)	mg/l	-	-	
19.	Copper (as Cu) (0.05-1.5)	mg/l	-	-	
20.	Residual Chlorine	mg/l	0.5	NIL	

Remarks: As per IS-10500-2012 :- On the basis of tested parameters, the above both samples results with in the Permissible limit, Subject to Bact. Satisfactory report.

ASSTT. CHEMIST

CHEMIST

ACWA

Copy to : 1. Director T&QC
2. CWA (W&S) III

DELHI JAL BOARD (Govt of NCT of Delhi)
ZONAL QUALITY CONTROL LABORATORY (SOUTH)
WATER WORKS, OKHLA, NEW DELHI-110025

No. DJB/DTQC/ CWA (C) / ACWA (south)/ Paid/ Bact. / 2020-2021/73-74/11/12/2020

Bacteriological Analysis Report as per IS 10500:2012

To M/s Deepalaya School
Pocket-A-14, Kalkaji
Extn., Gyorindpur
New Delhi-110019

Party Ref.No./Date : DSKE/Admn/2020
865/01/12/2020
Deptt.Challan No. /date: 213/03/12-2020
Dt.of sample collection: 14.12-2020
No. of Sample: Two (02)
Collected by: Name- Sh. V.P Singh
Desig.- Bact.

Sr.No. as in record book	Particulars	Clarity	Residual chlorine	Total coliform E.coli in 100 ml sample
1.	Tap Inlet of UG Tank	Clean	0.5	0
	Nr. Main Gate of School			
2.	Tap w/coder Nr. Sftain	Clean	Nil	1100
	Ground Floor.			

RESULT:

Collected water sample(s) as mentioned above at Sr.No. 1 was/were found bacteriological satisfactory, hence the water/source is fit for drinking/recreational purpose subject to satisfactory attached Physical-Chemical Analysis report also.

Collected water sample(s) as mentioned above at Sr.No. 2 was/were found bacteriological unsatisfactory, hence it is advised that the water/source may not be fit for drinking/recreational purpose as such.

Asstt.Bact.

Bacteriologist (South)

ACWA (South)