

LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
 MAINTENANCE SUB DIVISION NO. 2, P.H.E. DEPTT., UJJAIN

Sample from : Delhi Public School, Jaiwantpur, Maksi Road, Ujjain
 Particular of sample : Sample No. 1) R.O. Water
 Date of collection : 23-05-22
 Date of Analysis : 23-05-22

S. NO.	Characteristics	Unit	Appendex-23 (a) As per manual on water supply Treatment prepared published by CPHEEO-MANUAL		Result					
			Acceptable	Cause for rejection	R.O. Water					
					①	2	3	4	5	
1.	Physical									
1.	Turbidity	NTU	2.5	10.0	0.0					
2.	Colour	PICobalt Scale	5.0	25.0	NIL					
3.	Taste and odour	-	Unobjectionable	Unobjectionable	NIL					
4.	Chemical									
4.	PH	PH Scale	7.0 to 8.5	<6.5 to 9.2>	7.02					
5.	Total Alkalinity	Mg/1	200	600	080					
6.	Chloride	-	Up to 200	1000	042					
7.	Total Hardness	Mg/1	200as CaCO3	600as CaCO3	072					
8.	Calcium Hardness	-								
9.	Magnesium Hard.	-								
10.	Total Dissolved Solid	-	500	2000	098					
11.	Iron	Mg/1	0.1	1.0	NIL					
12.	Fluoride	-	1.0	1.5	NIL					
13.	Maganese	-	0.3	1.0	-					
14.	Dissolved oxygen	-	-	-	-					
15.	C.O.D.	-	10	-	-					
16.	B.O.D	-	06	-	-					
17.	Residual chlorine	-	02	1.0	-					
18.	Coagulant dose at test	-	-	-	-					

NOTE : 1. The figure indicated under the column acceptable are the limits upto which the water is generally acceptable to the consumers.

2. Figure in excess of those mentioned under acceptable render the water not acceptable but still tolerated in the absence of alternative and better source but upto the limits indicated under column 'cause for rejection' above which the supply will have to be rejected.

Biological

Bacteriological (M. P. N.) of coli form per 100 ml of sample - 1) NIL

Special Test

(1)

(2)

(3)

Chemist :

Remarks : All the tested parameter results are under limits as per manual.

So, water can be used for the drinking purpose.


Assistant Engineer
P.H.E. Maint. Sub Div. No. 2
N.P.N. Ujjain (M.P.)


Chemist
Laboratory in charge
WATER TREATMENT PLANT & LAB
GAUGHAT
FILTRATION PLANT
P.H.E. N.P.N. UJJAIN
GAU GHAT, UJJAIN

Note :

East : Water sample is collected by consumer.

ON INDIA GOVERNMENT SERVICE

✓ TO,

No. _____

Delhi Public School

Jalwantpur, Maksi Road

Ujjain (M.P.)

STAMP



Principal
Delhi Public School
Ujjain (M.P.)