

LABORATORY
JALKAL VIBHAG NAGAR NIGAM , KANPUR
ANALYTICAL TEST REPORT OF DRINKING WATER

DATE OF SAMPLING:- 2.5.26
SOURCE OF SAMPLE:- Oxford Model senior Secondary School, Maharajpur, K
SAMPLE COLLECTION BY:- sample not collected by Jal Kal vibhag, knp

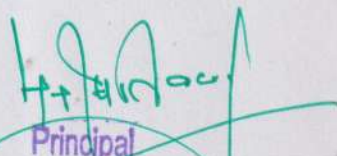
PHYSICAL - CHARACTERISTICS

	PARAMETERS	DESIRABLE LIMIT	SPECIFICATIONS PERMISSIBLE LIMIT IN ABSENCE OF ALTERNATE SOURCE	
S.No.				1
1.	APPEARANCE (VISUAL)	-	-	Clear
2.	TEMPERATURE °C	-	-	-
3.	COLOUR, HAZEN UNITS, MAX,	5	25	Colourless
4.	TURBIDITY, NTU, MAX	5	10	0.7
5.	PH	6.5-8.5	NO RELAXATION	7.9

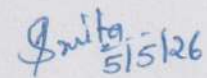
CHEMICAL - CHARACTERISTICS
(ALL VALUES IN Mg/L)

	PARAMETERS	DESIRABLE LIMIT	SPECIFICATIONS PERMISSIBLE LIMIT IN ABSENCE OF ALTERNATE SOURCE	
S.No.				1
1.	TOTAL DISSOLVED SOLIDS MAX	500	2000	550
2.	TOTAL ALKALINITY AS CaCO ₃ MAX	200	600	418
3.	P-ALKALINITY AS CaCO ₃ MAX	--	--	Nil
4.	TOTAL HARDNESS AS CaCO ₃ MAX	300	600	196
5.	OXYGEN ABSORBED FROM KMNO ₄ IN 3 HRS AT 37°C. MAX	1.0	NO RELAXATION	1.0
6.	CALCIUM AS Ca ⁺⁺ MAX	75	200	24.8
7.	MAGNESIUM AS Mg ⁺⁺ MAX	30	150	32.562
8.	CHLORIDES AS Cl ⁻ MAX	250	1000	13
9.	SULPHATES AS SO ₄ ⁻ MAX	200	400	32
10.	NITRATES NO ₃ ⁻ MAX	45	100	0.886
11.	NITRITES AS N MAX	NIL	NO RELAXATION	Nil
12.	CHROMIUM AS Cr ⁺⁶ MAX	0.05	NO RELAXATION	Nil
13.	IRON AS Fe MAX	0.3	1.0	0.15
14.	FLUORIDES AS F MAX	1.0	1.5	0.5
15.	RESIDUAL FREE CHLORIDE MIN	0.2	--	-

REMARK :- Chemically water is potable


Principal
OXFORD MODEL SENIOR SEC. SCHOOL
Maharajpur


Manager
Oxford Model Sr. Sec. School
Maharajpur


Chemist
Jal Kal Vibhag Nagar Nigam Kanpur
केमिस्ट
जलकल विभाग