



Report No. - 52

Date - 18/07/2023

MUNICIPAL CORPORATION RAIPUR
WATER ANALYSIS LABORATORY RAIPUR (C.G.)
WATER ANALYSIS REPORT

Sample Sent By : Principal, Davara International School, Patewa, Nawapara-Rajim, Raipur (C.G.).

Particulates : (1) Sample Collected From :- By Party.
 (2) Date of Collection :- 13/07/2023
 (3) Date of Delivery to Laboratory :- 13/07/2023
 (4) Date of Analysis :- 13/07/2023 to 15/07/2023

	Parameters	Unit	Acceptable limit As per CPHEEO Manual and IS:10500	Permissible limit	Result
(A)	Physical Exam.				
	Turbidity	N.T.U.	5	10	0.5
	Colour	T.C.U.	5	25	Nil
	Taste & Odour	-	Unobjectionable	Unobjectionable	Unobject.
(B)	Chemical Exam.				
	P.H. Value	Scale	7.0 to 8.5	<6.5 or >9.2	6.8
	Total Alkalinity	Mg/l	200	600	-
	Total Acidity	----	-	-	24
	Total Dissolved solids	----	500	2000	82
	Total Hardness as CaCO ₃	----	200	600	32
	Calcium (Ca)	----	75	200	8.0
	Magnesium (Mg)	----	≤30	100	2.88
	Iron as (Fe)	----	0.1	1.0	Nil
	Manganese (Mn)	----	0.05	0.3	Nil
	Chloride (Cl)	----	200	1000	8.0
	Sulphate (SO ₄)	----	200	400	9.60
	Flourides (F)	----	1.0	1.5	Nil
	Nitrate (NO ₃)	----	45	45	1.0

(C) Bacteriological Exam :-**Coli Count****M.P.N**

M.P.N. Index 100 ml

0

Excellent

Presumptive Coli form

0 to 3

Satisfactory

Bacteria or Faecal Coliform

3 to 10

Suspicious

Above 10

Unsatisfactory

0

ASSISTANT ENGINEER,
FILTER PLANT,
NAGAR PALIK NIGAM, RAIPUR (C.G.)

CHEMIST
FILTER PLANT
MUNICIPAL CORPORATION