QUALITY CONTROL (WATER) LABORATORY NAGAR NIGAM, Arera Hills, Bhopal.(M.P.) 462003

	ANALYSIS REPORT			
Cind of sample	e- WATER SAMPLE			
	S OF SENDER – ST. RAPHAEL CO-ED SCHOOL BHOPAL M.P. Date- 24.02,2021			
Ref - Q	PARTICULARS OF SAMPLE	Not collected by Nagar Nigam		
	Place of collection and details of sample	Date		
	ST. RAPHAEL CO-ED SCHOOL JATKHEDI BHOPAL	WATER SAMPLE 24.02.2021		
1	ST. KAPHAEL CO-ED SCHOOL ON THE ST.			
2				
3				
4				
	PARTICULARS TO BE FILLED IN THE LABOR	RATORY		
Date of Receipt - 24.02.2021 Lab. Reference No		Tested on.24.02.2021		
Date of Rec		Tested on.24.02.2		

of Receipt - 24.02.2021		1000					
	NATUR	E OF STUDY - CH	HEMICAL ANALYSIS		Do	cialte	
Characteristics	Unit	As Per BIS -10500:2012 For Drinking Water					
		Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3	Sample 4
		PHYSICAL TE	ST				
Temperature	Ge .			27.2			
Turbidity	NTU	1.0	5.0	1.0			
Control Control Control	Hazen Units	5	15	NIL			-
1,70,000		Agreeable	Agreeable	NIL			
Odda	R	OUTINE CHEMIC	AL TEST				
PH >	PH scale	6.5 to 8.5	6.5 to -8.5	7.10	1		
Conductivity at 25°C	Micromhos per cm. ²		***********	•		1	
Phenolphthalein Alkalinity	Mg/I		********	4		1	
Total Alkalinity as CaCO ₃	Mg/I	200	600	111111111111			_
Chloride as Cl	Mg/I	250				1	
	Mg/I	45	-			1	
	Mg/I	200			-		1
Calcium as Ca++	Mg/I	75	200				1
Magnesium as Mg++	Mg / I	30	100	4.8	1		1
	Mg/I	500	2000				1
	Mg/I	500	2000	44			1
	Mq/I			-			1
Sulphate as SO ₄	Mg/I	200	400	06			
Residual Chlorine	Mg/I	0.2	1.0	17			
		0.1		1		The second	
11.071	NATURE OF	STUDY - BACTE	RIOLOGICAL ANAL	YS			
MPN	Per 100 ml	Nil (for treated water or water in distribution system)		220			
E-coli or Thermo Tolerant Coliform	Per 100 ml	Nil					-
	Temperature Turbidity Colour Odour PH Conductivity at 25°C Phenolphthalein Alkalinity Total Alkalinity as CaCO ₃ Chloride as CI Nitrate as NO ₃ Total Hardness as CaCO ₃ Calcium as Ca++ Magnesium as Mg++ Total Solids Total Dissolved Solids Susoended Solids Susoended Solids Sulphate as SO ₄ Residual Chlorine iron MPN E-coli or Thermo	Temperature Turbidity Colour Odour PH PH scale Conductivity at 25°C Phenolphthalein Alkalinity Total Alkalinity as CaCO ₃ Chloride as CI Nitrate as NO ₃ Total Hardness as CaCO ₃ Mg / I Calcium as Ca++ Mg / I Magnesium as Mg++ Mg / I Magnesium as Mg++ Mg / I Susoended Solids Susoended Solids Susphate as SO ₄ Mg / I Residual Chlorine iron NATURE OF MPN Per 100 ml E-coli or Thermo Per 100 ml	Characteristics	Characteristics	Characteristics	Characteristics	NATURE OF STUDY - CHEMICAL ANALYSIS

NOTE:- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indPicated under the "permissible limit in the absence of alternate source" in column 4, above which the sources will have to be rejected.

Chemist's signature

The Water to U.S. San Carrier Consumption

Remarks if any

INCHARGE 5MGD FILTER PLANT LABORATORY NAGAR NIGAM Bhopal (M.P.) 462003

Makat Miles

o._____/Lab

/Lab../Nagar Nigam/BPL Date