



DISTRICT LABORATORY

CONSTR DIVISION, U.P. JAL NIGAM, BALLIA
PHYSICAL AND CHEMICAL ANALYSIS REPORT OF WATER SAMPLES

1. Sample received's from..... Ex. Emp. Const. Division, U.P. Jalnigam, Ballia.
2. Date of obtaining sample..... 29.1.2018.

SL No.	Source of Sample	TURBIDITY NTU, MAX	Colour Hazen unit	Taste & Odour	Residual, free chlorine mg/l Max	pH value	Dissolved solids mg/l Max	Chlorides (as Cl) mg/l Max	Sulphate (as SO ₄) mg/l Max	Fluoride (as F) Mg/l	Nitrate as NO ₃ mg/l Max	Nitrate as NO ₂ mg/l Max	Calcium (as Ca) Max	Magnesium (as Ca) Max	Iron (as Fe) Mg/l Max	Total hardness (as Ca CO ₃) Mg/l Max	Amie C	Dissolved Oxygen (D.O.) mg/l	Bio-Chemical oxygen Demand mg/l	Microbiological quality		Conductive Results		
																				Faecal Coliforms	Coliform Organisms			
IS : 10500 1983	Allowable in absence of alternate sources	25	50	Unobjec- tionable	0.5	9.5	3000	1000	400	1.5	45	1	200	100	1.0	600	1	1	Less than 6	0	3	C	Unsalts factory	
	Acceptable	10	10		0.2	6.5 to 8.5	500	250	150	6.5 to 1.2	45	1	75	30	0.3	300	1	More than 6	1	0	0	B	Satisfactory	
	Block Hanumanganj vill Banahi (G) Sant M.R. school Jay Prayya school Banahi (Sambalul.)	1.45	CL	-	-	7.25	365	45	-	0.3	10	-	5	-	0.25	105	0	PPB	-	1	-	-	A	Satisfactory

SPECIAL REMARK

Tested by

[Signature]
CHEMIST

[Signature]
ASSISTANT ENGINEER

EXECUTIVE ENGINEER