



UTTAR PRADESH JAL NIGAM

WATER - TESTING LABORATORY, MATHURA

PHYSICAL, CHEMICAL AND BACTERIOLOGICAL TEST - REPORT

Serial No

470

Dated . 18 June 2010

Name of Town/Village with Code No. Tentigaon . Naughel Road,

Block / District

Mat

Location / Source of Sample

S. Pump Set.

Location of the Source

Brij Sthali Academy

Name and designation of the person responsible to collect the Sample Sri. Dr. Kuldeep Laxaria,

Date and time of sampling

17/6/10

Manager

Date of analysis

17/6/10 to 18/6/10

Parameters

Unit

Test Result

Indian Standards
Acceptable Cause of rejection

(A) PHYSICAL EXAMINATION

1.	Taste		Sweet	Unobjectionable	Unobjectionable
2.	Colour	Platinum Cobalt Scale	Colour less	5	25
3.	Odour		Odour less	Unobjectionable	Unobjectionable
4.	Turbidity	J.T.U.	0.6	2.50	10
5.	pH		7.36	7.00 to 8.50	6.50 to 9.20

(B) CHEMICAL ANALYSIS

1.	Total dissolved solids	mg/l	1000	500.00	1500.00
2.	Chloride (as Cl)	mg/l	500	200.00	1000.00
3.	Total Hardness (as CaCO ₃)	mg/l	460	200.00	600.00
4.	Nitrate (NO ₃) (as NO ₃)	mg/l	15	45.00	45.00
5.	Fluoride (as F)	mg/l	0.5	1.00	1.50
6.	Sulphate (as SO ₄)	mg/l	-	200.00	400.00
7.	Residual Chlorine	mg/l	-	0.20	0.40
8.	Iron (as Fe)	mg/l	0.1	0.10	1.00
9.	Manganese (as Mn)	mg/l	-	0.05	0.50

(C) BACTERIOLOGICAL EXAMINATION

1.	Faecal Coliforms	No / 100 ml	-	0	0
2.	Coliform Organism	No / 100 ml	-	0	0

Lab Assistant

CHEMIST/JUNIOR ENGINEER

Water Testing Laboratory

U.P. Jal Nigam, Jaisingh Pura

MATHURA