

**PUBLIC HEALTH ENGINEERING DTE.
LABORATORY
BARASAT DIVISION
(CHEMICAL TEST REPORT)**

REF./MEMO.NO.
DATE.

Sl. No	Municipality Name	Ward No.	Habitation Description Land Mark	Depth of T/W	Date of Collection	Date of Testing	TEST RESULTS							REMARKS			
							As mg/ ltr.	Fe mg/ ltr.	pH	Total Alkalinity (as CaCO ₃)	Total Hardness (as CaCO ₃)	Turbidity (NTU)	Cl ⁻ mg/ ltr.		SO ₄ ⁼ mg/ ltr.	TDS mg/ ltr.	EC μs/cm
1	Barasat	22	R.R.Y.B.S.L. Mission Kathore, Badu Barasat, Near Makorsha Pukur Kol - 700128	380'	20.11.15	23.11.15	BDL	0.54	7.11	285	300	0.020	14.2	BDL	300	410	

[Signature]
CHEMIST
PHED Laboratory
Barasat Division
P.H.E. Dte.

[Signature]
Signature of Asstt.Engineer, HQ
Barasat Division, PHED

[Signature]
Signature of Executive Engineer
Barasat Division, PHED

Drinking water specification : IS: 10500.

Sl. No.	Parameter	Desirable limit	Permissible limit in absence of alternate source
1	As	0.05 mg/l	No relaxation
2	Fe	0.30 mg/l	1.0 mg/l
3	Cl	250 mg/l	1000 mg/l
4	pH	6.5 - 8.5	No relaxation
5	TDS	500 mg/l	2000 mg/l
6	SO ₄ ⁼	200 mg/l	400 mg/l
7	Turbidity (NTU) Max	5	10
8	Total Alkalinity (as CaCO ₃)	200 mg/l	600 mg/l
9	Total Hardness (as CaCO ₃)	300 mg/l	600 mg/l

Note :- Water sample is collected by the party.
Laboratory is not liable for source of the water sample.

APL = Above Permissible Limit
BPL = Below Permissible Limit
BDL -- Below detection Limit.

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