

**PUBLIC HEALTH ENGINEERING DTE.  
BARASAT DIVISION LABORATORY  
GOVERNMENT OF WEST BENGAL  
BACTERIOLOGICAL TEST REPORT**

Date :  
REF./MEMO.NO.:

Agency Name :  
Method of Analysis : As per IS 10500,2012.

Sl. No.	Block Name	G.P. Name	Mouza (with JI. No.)	Habitation/Description /Landmark	Depth of T/W	Date of Collection & Testing	Date of Completion	TEST RESULTS		REMARKS
								CFU of Total Coliforms at 37 °c per 100ml	CFU of Thermotolerant Coliforms at 37 °c per 100ml	
1	Barasat-1	Khilkapur	Algoria (5)	Delhi Public Secondary School Near Kalyani Public School. Barasat.	430'	4/2/2019	5/2/2019	0	0	-

*[Signature]*  
Signature of Bacteriologist  
Barasat Division,PHED

*[Signature]* 14/04/19  
Signature of Asstt. Engineer  
Barasat Division,PHED

Signature of Executive Engineer  
Barasat Division,PHED

\*\* Sample Collected & supplied to the Lab. By : Party.

Note: Minimum limits as per CL.3.2.1. of IS-10500,2012.

- Throughout any year, 95% of samples should not contain any coliform organisms in 100 ml.
- No sample should contain **Coliform Organisms & E.Coli** in 100 ml.
- Coliform organisms should not be detectable in 100 ml of any two consecutive samples.

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

Sl. NO.	Block Name	Mouza with J.L. No. G.P. Name	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 Hardness (as CaCO <sub>3</sub> )	Turbidity (NTU)	Cl mg/ ltr.	Mn mg/ ltr.		TDS mg/ ltr.
1	Barasat-I	Algoria Khilkapur	Delhi Public Secondary School Near Kalyani Public School	430'	04.02.19	04.02.19	BDL	0.50	7.20	280	0.02	28.4	0.10	480	

*[Signature]*  
Signature of Chemist  
Barasat Division, PHED

*[Signature]* 04/02/19  
Signature of Asstt. Engineer, HQ  
Barasat Division, PHED

*[Signature]*  
Signature of Executive Engineer  
Barasat Division, PHED

**Drinking water specification : IS: 10500, 2012**

Sl. No.	Parameter	Desirable limit	Permissible limit in absence of alternate source
1	As	0.01 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	Mn	0.10 mg/l	0.30 mg/l
7	Turbidity (NTU) Max	1	5
8	Total Alkalinity (as CaCO <sub>3</sub> )	200 mg/l	600 mg/l
9	Total Hardness (as CaCO <sub>3</sub> )	200 mg/l	600 mg/l

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

BDL -- Below detection Limit.