

**PUBLIC HEALTH ENGINEERING DTE.
NORTH 24 PGS DISTRICT LABORATORY
(LABORATORY TEST REPORT)**

Agency Name *Kendriya Vidyalaya Ordnance
Factory DumDum*

Receipt No: **4888/49**

Work Order No.

Date

Water sample collected by *Party*

Receipt Date: **04.05.2023**

Date of Collection **11.05.2023**

SL NO.	Municipality/ Block Name	G.P. Name / Mouza Name	Habitation & Landmark	Type of Source	Depth of tubewell in mtr	CHEMICAL TEST RESULTS								BACTERIOLOGICAL TEST RESULTS				Remarks	
						Date of Testing	pH	TDS mg/L	Turbidity (NTU)	Total Hardness as (CaCO ₃)	Cl mg/L	Mn mg/L	Total Fe mg/L	Total As mg/L	Date of Testing	Date of Completion	CFU of Total Coliforms at 37°C per 100 mL		CFU of Faecal Coliforms at 37°C per 100 mL
1	DumDum Ward No-13		Ordnance Factory DumDum	RO		11.05.2023	7.3	37	0.012	40	7.1	0.001	0.002	0	11.05.2023	12.05.2023	0	0	

[Signature]
Signature of Chemist/Bacteriologist
Barasat Division, P.H.E.D

[Signature]
Signature of Asstt.Engineer
R.W.S. Barasat Sub Division, PHED

Signature of Executive Engineer
Barasat Division, PHED

Drinking water specification : IS: 10500, 2012

Sl. No.	Parameter	Acceptable limit	Permissible limit in absence of alternate source
1	pH	6.5 - 8.5	No relaxation
2	TDS	500 mg/L	2000 mg/L
3	Mn	0.10 mg/L	0.30 mg/L
4	Turbidity (NTU) Max	1	5
5	Total Hardness (as CaCO ₃)	200 mg/L	600 mg/L
6	Cl	250 mg/L	1000 mg/L
7	Fe	0.30 mg/L	1.0 mg/L
8	As	0.01 mg/L	No relaxation

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

BDL -- Below Detection Limit.

Bacteriological Drinking Water Specification, BIS: 10500,2012	
Note: Minimum limits as per CL. 3.2.1. of IS-10500	
a)	Throughout any year, 95% of samples should not contain any coliform organisms in 100 ml.
b)	No sample should contain coliforms organisms per 100 ml
c)	Coliform organisms should not be detectable in 100 ml of any two consecutive samples.