



# Bangabandhu Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 16-11-2022

Test No: 1226

Weather: Sunny

Sl No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 8:55 AM	Sampling Time: 9:15 AM	Sampling Time: 10:05 AM	Sampling Time: 10:52 AM	Sampling Time: 11:05 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.3	27.1	27.4	27.3
2	pH		day	6.5-8.5				7.48	7.32	7.27	7.22
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	40.8	14.8	14.2	5.56	0.37	0.25
4	Color	pt-co	day	15	Portable analyser-AQ3700			69	42	11	11
5	Suspended Solid	mg/L	day	...				35	9	9	6
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	Portable analyser-AQ3700						
8	Magnesium	mg/L	Once a week	30-35		15.3					
9	ORP	mv	Once a week	...	WTW pH/ ION 3310					186	
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					20	20
Remark:											