



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-03-2024

Test No: 1716

Weather: Cloudy

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (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: 10:05 AM	Sampling Time: 10:25 AM	Sampling Time: 10:38 AM	Sampling Time: 11:12 AM	Sampling Time: 11:28 AM	Sampling Time: 11:33 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.4	25.5	25.1	25
2	pH		day	6.5-8.5				8.25	8.1	8.01	7.88
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	34.9	20.3	18.8	1.69	0.33	0.24
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			117	25	8	8
5	Suspended Solid	mg/L	day	...				35	20	20	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			140	100		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	364.4	295.9				
Remark:											