



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-05-2024

Test No: 1776

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: 11:00 AM	Sampling Time: 11:05 AM	Sampling Time: 11:22 AM	Sampling Time: 11:50 AM	Sampling Time: 12:03 PM	Sampling Time: 12:10 PM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30	29.7	29.6	29.1		
2	pH		day	6.5-8.5				8.5	8.1	8	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	109	26.8	26.8	1.97	0.98	0.49		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			123	29	14	4		
5	Suspended Solid	mg/L	day	...				82	20	20	3	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						280		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						240	500	510
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						499.7	789.4	804.9

Remark: