



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-07-2024

Test No: 1845

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: 09:20 AM	Sampling Time: 10:00 AM	Sampling Time: 10:48 AM	Sampling Time: 11:22 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.5	26.6	26.6	26.7		
2	pH		day	6.5-8.5				8	7.5	7.6	7.6		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	388	95.5	92.9	1.93	0.4	0.29		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	32	15	15		
5	Suspended Solid	mg/L	day	...				370	84	84	2	0	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						53		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	40	40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						110	117	120.5
Remark:													