



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-06-2024

Test No: 1796

Weather: Sunny

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: 11:55 AM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM	Sampling Time: 12:50 PM	Sampling Time: 01:00 PM	Sampling Time: 01:10 PM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.4	30.5	30.2	30.4	
2	pH		day	6.5-8.5				8.5	8	8	7.9	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	101	20.9	20.7	1.97	0.65	0.38	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			108	34	14	5	
5	Suspended Solid	mg/L	day	...				72	16	16	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric							2.04
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	350	440					440
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	685	781.4					784.1
Remark:												