



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-05-2024

Test No: 1768

Weather: Cloudy

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: 09:22 AM	Sampling Time: 09:38 AM	Sampling Time: 09:45 AM	Sampling Time: 10:20 AM	Sampling Time: 10:26 AM	Sampling Time: 10:32 AM				
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.5	28.3	28.2	28.8				
2	pH		day	6.5-8.5				8.19	8.07	7.92	7.84				
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	88.8	19.8	19.8	1.99	0.98	0.38				
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			100	39	14	5				
5	Suspended Solid	mg/L	day	...				68	15	15	3	0	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										
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	780	560								
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	1623	887.8								
Remark:															