



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 18-05-2024

Test No: 1775

Weather: Sunny

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: 11:15 AM	Sampling Time: 01:00 PM	Sampling Time: 01:05 PM	Sampling Time: 01:20 PM	Sampling Time: 01:25 PM	Sampling Time: 01:30 PM				
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			31.4	30.8	31.2	31.1				
2	pH		day	6.5-8.5				8.2	8.07	7.92	7.86				
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	106	26.6	26.4	1.98	0.98	0.5				
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			132	31	14	7				
5	Suspended Solid	mg/L	day	...				82	21	21	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	240	510								
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	582.9	792.8								
<b>Remark:</b>															