



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-02-2024

Test No: 1684

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: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	Sampling Time: 01:05 PM	Sampling Time: 01:15 PM	Sampling Time: 01:25 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.2	23.9	24.3	24.2		
2	pH		day	6.5-8.5				8.17	7.92	7.86	7.74		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	50.4	13.7	13.3	1.67	0.34	0.14		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			71	19	9	4		
5	Suspended Solid	mg/L	day	...				41	8	8	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						2.82		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322						199	191.5	192.6
Remark:													