



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-02-2024

Test No: 1670

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: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 10:55 AM	Sampling Time: 11:30 AM	Sampling Time: 11:38 AM	Sampling Time: 11:46 AM			
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.2	22.4	22.1	22.3			
2	pH		day	6.5-8.5				8.1	7.89	7.81	7.69			
3	Turbidity	NTU	day	<1	WTW PhotoFlex Turb	56.7	14.3	14.1	1.99	0.38	0.22			
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			76	46	9	4			
5	Suspended Solid	mg/L	day	...				48	9	9	4	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							2.9		
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							0.8		
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							0.005		
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration							30	30	40
11	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322							196.1	180.5	182.3
Remark:														