



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-05-2024

Test No: 1761

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: 11:35 AM	Sampling Time: 11:42 AM	Sampling Time: 11:50 AM	Sampling Time: 12:50 PM	Sampling Time: 01:00 PM	Sampling Time: 01:06 PM					
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.6	30.7	30.5	31					
2	pH		day	6.5-8.5				8.24	8.09	7.94	7.87					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.4	15.6	15.4	1.99	0.99	0.65					
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			86	37	15	9					
5	Suspended Solid	mg/L	day	...				44	13	13	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	220	580									0.8
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	436	957.5									
										974.8						
Remark:																