



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-05-2024

Test No: 1782

Weather: Sunny

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (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: 10:10 AM	Sampling Time: 10:15 AM	Sampling Time: 10:57 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM					
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.5	29.2	29.6	29.8					
2	pH		day	6.5-8.5				8.5	8.1	8	7.9					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	52.3	25.3	22.4	1.56	0.51	0.43					
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			120	12	2	0					
5	Suspended Solid	mg/L	day	...				39	19	19	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								2.57			
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	870	470									460
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	1513	794									
Remark:																