



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-06-2024

Test No: 1789

Weather: Cloudy

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: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:13 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.3	29.2	29.3	28.8		
2	pH		day	6.5-8.5				8.3	8.1	8	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.6	32.6	31.8	1.89	0.39	0.37		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			158	11	0	0		
5	Suspended Solid	mg/L	day	...				48	27	27	2	1	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								1.97
8	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method I	0.006							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	320	470						470
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	551.6	828.8						853
Remark:													