



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-06-2024

Test No: 1807

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: 09:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	28.4	28	28.4	
2	pH		day	6.5-8.5				8.4	8	8	8.1	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	104	24.2	23.9	1.9	0.44	0.32	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			138	30	12	9	
5	Suspended Solid	mg/L	day	...				74	19	19	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	127.2	447.1					
8	Salinity	PSU	Once a week	...								452.4
9	Conductivity	µS/cm	Once a week	...								0.504
10	Resistivity	Ω-cm	Once a week	...								922.4
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	240					
Remark:												