



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-06-2024

Test No: 1801

Weather: Partly 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: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:50 AM	Sampling Time: 11:05 AM	Sampling Time: 11:15 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.6	30.2	30.2	29.8	
2	pH		day	6.5-8.5				8.5	8	8	7.9	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	153	37.5	35.1	1.98	0.23	0.23	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			185	29	1	0	
5	Suspended Solid	mg/L	day	...				118	27	27	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	130.9	620.9					657.1
8	Salinity	PSU	Once a week	...								0.72
9	Conductivity	µS/cm	Once a week	...								1340
10	Resistivity	Ω-cm	Once a week	...								746.3
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	40					380
Remark:												