



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-06-2024

Test No: 1816

Weather: Cloudy

SI 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: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 11:40 AM	Sampling Time: 12:08 PM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.9	27.8	29.1	29.6
2	pH		day	6.5-8.5				8.2	7.8	7.8	7.9
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	145	34	32.3	1.93	0.42	0.29
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			169	15	0	0
5	Suspended Solid	mg/L	day	...				121	25	25	1
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	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						
9	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	150				
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	96.33	260.2				

Remark: