



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-07-2024

Test No: 1823

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: 10:08 AM	Sampling Time: 08:50 AM	Sampling Time: 09:00 AM	Sampling Time: 09:40 AM	Sampling Time: 09:50 AM	Sampling Time: 10:00 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.6	29	29.1	29
2	pH		day	6.5-8.5				7.8	7.4	7.6	7.6
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	266	47.4	47.1	1.96	0.37	0.28
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			245	35	15	12
5	Suspended Solid	mg/L	day	...				242	38	38	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	0.7					
9	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1	0.003					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	90				
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	87.13	205.3				216.1
Remark:											