



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-08-2024

Test No: 1861

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: 08:38 AM	Sampling Time: 08:50 AM	Sampling Time: 09:10 AM	Sampling Time: 10:35 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM			
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.3	27.2	27	26.8			
2	pH		day	6.5-8.5				7.9	7.7	7.7	7.7			
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	373	57.2	56.9	1.92	0.67	0.28			
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			304	35	14	12			
5	Suspended Solid	mg/L	day	...				335	51	51	2	0	0	
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable			
7	Ammonia	mg/L	Once a week	0.5	Salicylate Method									
8	Silica	mg/L	Once a week	...	Heteropoly Blue Method1									
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40							40
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	118.9	123.4							124
Remark:														