



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-08-2024

Test No: 1854

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: 12:10 PM	Sampling Time: 11:00 AM	Sampling Time: 11:05 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.4	28.8	28.7	28.9
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	227	73.4	73.2	1.9	0.92	0.35
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			272	27	15	10
5	Suspended Solid	mg/L	day	...				218	54	54	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	40		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	116.7	119.7				
Remark:											