



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-05-2024

Test No: 1788

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: 10:40 AM	Sampling Time: 08:30 AM	Sampling Time: 08:55 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.6	27.6	27.8	27.7
2	pH		day	6.5-8.5				8.4	7.9	8	7.9
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.6	31.8	31.8	1.39	0.68	0.35
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			143	18	12	8
5	Suspended Solid	mg/L	day	...				40	24	24	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			340	470		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	662.7	829.4				
Remark:											