



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-07-2024

Test No: 1847

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: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:50 AM	Sampling Time: 11:30 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.6	28.4	28.5	28.4
2	pH		day	6.5-8.5				7.9	7.5	7.6	7.6
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	210	90.5	89	1.98	0.53	0.3
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			442	26	10	3
5	Suspended Solid	mg/L	day	...				191	72	72	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						59.9
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40				40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	128.7	118.3				120.9
Remark:											