



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-07-2024

Test No: 1832

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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:10 AM	Sampling Time: 11:25 AM	Sampling Time: 11:37 AM	Sampling Time: 11:44 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.9	27.5	27.7	27.7
2	pH		day	6.5-8.5				8.2	7.9	7.9	7.9
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	486	86.5	85.2	1.99	0.95	0.46
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			492	74	21	6
5	Suspended Solid	mg/L	day	...				461	80	80	8
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						0.02
8	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method						0.07
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	60				70
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	102.8	136.4				142.5

Remark: