



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-06-2024

Test No: 1804

Weather: Sunny

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: 10:50 AM	Sampling Time: 11:10 AM	Sampling Time: 11:17 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.4	30.5	30.7	31.2
2	pH		day	6.5-8.5				8.4	8	8	8.1
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	120	35.2	34.9	1.98	0.74	0.59
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			172	37	15	10
5	Suspended Solid	mg/L	day	...				95	26	26	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method						0.04
8	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						0.12
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	300				300
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	152.4	468.8				506.2
Remark:											