



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-05-2024

Test No: 1760

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: 09:50 AM	Sampling Time: 10:01 AM	Sampling Time: 10:15 AM	Sampling Time: 10:45 AM	Sampling Time: 10:58 AM	Sampling Time: 11:05 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			31.5	31.2	30.9	30.9
2	pH		day	6.5-8.5				8.11	8.02	7.92	7.87
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81.2	22.7	21.1	1.89	0.98	0.58
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			101	39	14	0
5	Suspended Solid	mg/L	day	...				65	16	16	5
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	350	590				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	658.5	974.4			995.5	
Remark:											