



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-04-2024

Test No: 1751

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: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 10:58 AM	Sampling Time: 11:25 AM	Sampling Time: 11:41 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.4	30.6	30.9	30.2
2	pH		day	6.5-8.5				8.17	7.98	7.92	7.87
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	53.3	16.4	16.2	1.98	0.87	0.55
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			94	34	14	7
5	Suspended Solid	mg/L	day	...				42	12	12	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			500	490		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	883.4	830.4				
Remark:											