



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-04-2024

Test No: 1757

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: 09:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:45 AM	Sampling Time: 11:20 AM	Sampling Time: 11:32 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.7	30.1	30	30.6
2	pH		day	6.5-8.5				8.23	7.99	7.91	7.83
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	52.3	17.4	17.2	1.73	0.6	0.57
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			103	26	15	12
5	Suspended Solid	mg/L	day	...				44	16	16	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	780	580				570
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	1441	1015				981.2
Remark:											