



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-05-2024

Test No: 1774

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: 10:10 AM	Sampling Time: 10:25 AM	Sampling Time: 10:33 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:05 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			31.2	30.9	30.5	30.4
2	pH		day	6.5-8.5				8.22	7.98	7.82	7.69
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	78.4	26.1	25	1.88	0.95	0.37
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			122	35	17	0
5	Suspended Solid	mg/L	day	...				70	19	19	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			250	520		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	474.7	820.7				
Remark:											