



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-04-2024

Test No: 1734

Weather: Rain

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: 12:35 PM	Sampling Time: 09:30 AM	Sampling Time: 12:10 PM	Sampling Time: 12:18 PM	Sampling Time: 12:25 PM	Sampling Time: 12:30 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.3	28.2	28.4	29.3
2	pH		day	6.5-8.5				8.19	7.99	7.93	7.81
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	48.4	18.7	18.6	1.56	0.43	0.25
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			77	17	9	7
5	Suspended Solid	mg/L	day	...				36	10	10	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			220	260		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	415.1	523.5				
Remark:											