



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-07-2024

Test No: 1833

Weather: Cloudy

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: 09:25 AM	Sampling Time: 10:10 AM	Sampling Time: 10:45 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 11:55 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.2	28.1	28.2	28.2
2	pH		day	6.5-8.5				8.2	7.7	7.9	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	491	102	102	1.9	0.53	0.32
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	23	14	5
5	Suspended Solid	mg/L	day	...				469	94	94	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			30	60		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	93.66	134.4				
Remark:											