



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-04-2024

Test No: 1731

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: 08:56 AM	Sampling Time: 10:00 AM	Sampling Time: 11:01 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 11:55 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.5	29.9	28.5	28.4	
2	pH		day	6.5-8.5				8.12	8.01	7.98	7.87	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	55.1	17.6	17.2	1.62	0.28	0.1	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			47	13	0	0	
5	Suspended Solid	mg/L	day	...				37	15	15	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	701.5	516.1					
8	Salinity	PSU	Once a week	...								498.2
9	Conductivity	µS/cm	Once a week	...								0.552
10	Resistivity	Ω-cm	Once a week	...								984.6
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	350					250
Remark:												