



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-03-2024

Test No: 1724

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: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:10 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.5	27.9	27.5	27.1	
2	pH		day	6.5-8.5				8.19	8.08	7.98	7.69	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.2	12.7	11.8	1.61	0.65	0.51	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			53	16	6	6	
5	Suspended Solid	mg/L	day	...				51	5	5	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	495.3	352.4					
8	Salinity	PSU	Once a week	...								0.393
9	Conductivity	µS/cm	Once a week	...								702.6
10	Resistivity	Ω-cm	Once a week	...								1.423
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	230					140
Remark:												