



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-01-2024

Test No: 1640

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: 09:45 AM	Sampling Time: 10:10 AM	Sampling Time: 11:30 AM	Sampling Time: 12:00 PM	Sampling Time: 12:18 PM	Sampling Time: 12:30 PM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.7	22.4	22.6	22.7	
2	pH		day	6.5-8.5				8.1	7.88	7.79	7.69	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	39.4	10.9	10.7	1.71	0.87	0.56	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			67	21	15	12	
5	Suspended Solid	mg/L	day	...				34	8	8	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	178.1	181.8					
8	Salinity	PSU	Once a week	...								186.3
9	Conductivity	µS/cm	Once a week	...								0.232
10	Resistivity	Ω-cm	Once a week	...								379.2
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												