



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-12-2023

Test No: 1633

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: 09:10 AM	Sampling Time: 09:45 AM	Sampling Time: 10:32 AM	Sampling Time: 11:00 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.4	23.2	22.9	22.5	
2	pH		day	6.5-8.5				8.09	8.05	7.98	7.85	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	32.2	15.7	15.16	1.13	0.63	0.13	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			50	10	3	2	
5	Suspended Solid	mg/L	day	...				25	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	197.5	185.3					
8	Salinity	PSU	Once a week	...								185.4
9	Conductivity	μS/cm	Once a week	...								0.232
10	Resistivity	Ω-cm	Once a week	...								377.3
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												