



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 14-12-2023

Test No: 1619

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: 10:02 AM	Sampling Time: 10:25 AM	Sampling Time: 10:35 AM	Sampling Time: 11:03 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25	24	23.5	23.9	
2	pH		day	6.5-8.5				8.2	8.12	7.98	7.95	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	66.6	15.5	9.85	1.08	0.31	0.12	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			79	17	15	12	
5	Suspended Solid	mg/L	day	...				57	11	11	0	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	218.2	170.2					
8	Salinity	PSU	Once a week	...								169.8
9	Conductivity	μS/cm	Once a week	...								0.216
10	Resistivity	Ω-cm	Once a week	...								345.4
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
<b>Remark:</b>												