



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 02-11-2023

Test No: 1577

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: 01:48 PM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 01:15 PM	Sampling Time: 01:25 PM	Sampling Time: 01:35 PM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.7	30.2	29.7	29.9	
2	pH		day	6.5-8.5				8.1	7.91	7.79	7.78	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	72.9	8.97	8.92	1.67	0.37	0.14	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			61	24	11	5	
5	Suspended Solid	mg/L	day	...				61	7	7	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	133.8	123.5					126.1
8	Salinity	PSU	Once a week	...								0.175
9	Conductivity	µS/cm	Once a week	...								256.5
10	Resistivity	Ω-cm	Once a week	...								3898
11	Chloride	ppm	day	150-600								Mercuric Nitrate Titration
<b>Remark:</b>												