



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 16-11-2023

Test No: 1591

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: 09:39 AM	Sampling Time: 10:00 AM	Sampling Time: 10:05 AM	Sampling Time: 10:40 AM	Sampling Time: 10:48 AM	Sampling Time: 10:52 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.1	29.4	29.3	29.3	
2	pH		day	6.5-8.5				8.09	7.9	7.8	7.75	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	99.3	11.4	11.2	1.79	0.69	0.21	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			71	27	14	5	
5	Suspended Solid	mg/L	day	...				97	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	147.9	133.3					
8	Salinity	PSU	Once a week	...								135.6
9	Conductivity	µS/cm	Once a week	...								0.183
10	Resistivity	Ω-cm	Once a week	...								275.7
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
<b>Remark:</b>												