



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 07-12-2023

Test No: 1612

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: 09:00 AM	Sampling Time: 09:15 AM	Sampling Time: 09:25 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.2	25.1	25.3	25.7	
2	pH		day	6.5-8.5				8.09	7.86	7.71	7.67	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.2	15.8	15.7	1.9	0.86	0.25	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			84	30	9	6	
5	Suspended Solid	mg/L	day	...				50	12	12	2	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	183.7	157.5					
8	Salinity	PSU	Once a week	...								158
9	Conductivity	µS/cm	Once a week	...								0.205
10	Resistivity	Ω-cm	Once a week	...								321.5
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					
<b>Remark:</b>												