



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 18-04-2024

Test No: 1745

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: 09:43 AM	Sampling Time: 10:00 AM	Sampling Time: 10:45 AM	Sampling Time: 11:19 AM	Sampling Time: 11:33 AM	Sampling Time: 11:39 AM													
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			31.9	30.8	30	28.1													
2	pH		day	6.5-8.5				8.21	7.98	7.65	7.6													
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	40.5	15.5	15	1.47	0.5	0.26													
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			76	28	5	2													
5	Suspended Solid	mg/L	day	...				29	10	10	1	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	920.3	866.1					859.3												
8	Salinity	PSU	Once a week	...												0.93								
9	Conductivity	µS/cm	Once a week	...																1753				
10	Resistivity	Ω-cm	Once a week	...																				570.6
11	Chloride	ppm	day	150-600																				Mercuric Nitrate Titration
<b>Remark:</b>																								