



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 14-03-2024

Test No: 1710

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: 10:38 AM	Sampling Time: 10:49 AM	Sampling Time: 10:55 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:39 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			26.9	26.4	26.5	26	
2	pH		day	6.5-8.5				8.12	7.98	7.88	7.65	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	68.7	12.5	12.2	1.56	0.69	0.69	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			79	11	0	0	
5	Suspended Solid	mg/L	day	...				61	10	10	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	309.1	235.6					231.5
8	Salinity	PSU	Once a week	...								0.278
9	Conductivity	µS/cm	Once a week	...								471.4
10	Resistivity	Ω-cm	Once a week	...								2121
11	Chloride	ppm	day	150-600								Mercuric Nitrate Titration
<b>Remark:</b>												