



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 11-04-2024

Test No: 1738

Weather: Cloudy

Sl No	Test Item	Unit	Frequency	Detection limit (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: 04:55 PM	Sampling Time: 04:40 PM	Sampling Time: 03:50 PM	Sampling Time: 04:10 PM	Sampling Time: 04:15 PM	Sampling Time: 04:20 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.7	28.9	28.4	28.8
2	pH		day	6.5-8.5				8.19	7.98	7.92	7.81
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	52.4	10.7	10.9	1.62	0.47	0.33
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			59	23	14	10
5	Suspended Solid	mg/L	day	...				37	7	7	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322			1263	621.3		
8	Salinity	PSU	Once a week	...				0.625			
9	Conductivity	μS/cm	Once a week	...				1157			
10	Resistivity	Ω-cm	Once a week	...				864.3			
11	Chloride	ppm	day	150-600				Mercuric Nitrate Titration	760		
Remark:											