



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 04-12-2021

Test No: 879

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: 9:40 AM	Sampling Time: 10:00 AM	Sampling Time: 4:30 PM	Sampling Time: 4:40 PM	Sampling Time: 4:49 PM	Sampling Time: 4:58 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.7	24.6	24.8	25.3
2	PH		day	6.5-8.5				7.23	7.15	7.28	7.16
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	125	10.2	10.1	1.65	0.15	0.1
4	Color	pt-co	day	15	Portable analyser-AQ3700			59	20	9	0
5	Suspended Solid	mg/L	day	...				105	6	6	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D						
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	40		
<b>Remark:</b>											