



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 19-01-2022

Test No: 925

Weather: Sunny

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: 12:00 PM	Sampling Time: 10:30 AM	Sampling Time: 10:47 AM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.3	21.6	21.6	22.1
2	pH		day	6.5-8.5				7.85	7.6	7.64	7.67
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	58.2	5.98	5.85	1.15	0.31	0.15
4	Color	pt-co	day	15	Portable analyser-AQ3700			38	0	0	0
5	Suspended Solid	mg/L	day	...				52	4	4	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb						
8	Magnesium	mg/L	Once a week	30-35		21					
9	ORP	mv	Once a week	...	WTW PH ION 3310					72	
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					40	40
<b>Remark:</b>											