



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 28-02-2022

Test No: 965

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: 9:00 AM	Sampling Time: 9:48 AM	Sampling Time: 10:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:52 AM	Sampling Time: 12:07 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.2	23.8	23.8	24.2
2	pH		day	6.5-8.5				7.63	7.4	7.47	7.57
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	67.3	9.12	9.02	1.51	0.15	0.14
4	Color	pt-co	day	15	Portable analyser-AQ3700			23	0	0	0
5	Suspended Solid	mg/L	day	...				52	4	3	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	<0.2	DR3900						
8	Total Manganese	mg/L	Once a week	<0.1		0.004					
9	Total Iron	mg/L	Once a week	<0.3		0.05					
10	Total residual chlorine	mg/L	Twice a week	0.2		0.29					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40
<b>Remark:</b>											