



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 14-02-2022

Test No: 951

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: 1:00 PM	Sampling Time: 10:30 AM	Sampling Time: 10:42 AM	Sampling Time: 11:28 AM	Sampling Time: 11:38 AM	Sampling Time: 11:48 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.6	22.4	22.7	22.7
2	pH		day	6.5-8.5				8.06	7.71	7.79	7.89
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	62.7	8.81	8.74	1.19	0.28	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			32	8	3	0
5	Suspended Solid	mg/L	day	...				49	3	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		0.018					
9	Total Iron	mg/L	Once a week	<0.3		0.04					
10	Total residual chlorine	mg/L	Twice a week	0.2		0.28					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40
<b>Remark:</b>											