



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 15-01-2022

Test No: 921

Weather: Cloudy

SI 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: 8:17 AM	Sampling Time: 8:25 AM	Sampling Time: 8:30 AM	Sampling Time: 8:45 AM	Sampling Time: 8:55 AM	Sampling Time: 9:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			21	20.8	20.9	21.2	
2	PH		day	6.5-8.5				7.92	7.62	7.73	7.9	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	43.8	6.91	6.8	0.56	0.21	0.14	
4	Color	pt-co	day	15	Portable analyser-AQ3700			41	9	0	0	
5	Suspended Solid	mg/L	day	...				48	4	4	0	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	Total Iron	mg/L	Once a week	<0.3								
9	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900							
10	Nitrogen-Nitrite	mg/L	Once a week	<1								
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					
Remark:												