



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-01-2022

Test No: 907

Weather: Partly 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: 10:03 AM	Sampling Time: 10:40 AM	Sampling Time: 12:08 PM	Sampling Time: 12:22 PM	Sampling Time: 12:40 PM						
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.8	23	23	23.2						
2	PH		day	6.5-8.5				7.57	7.37	7.41	7.52						
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	61.1	5.38	5.38	0.85	0.32	0.18						
4	Color	pt-co	day	15	Portable analyser-AQ3700			34	2	0	0						
5	Suspended Solid	mg/L	day	...				60	4	3	0	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	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900												
9	Nitrogen-Nitrite	mg/L	Once a week	<1													
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40										
Remark:																	