



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-12-2021

Test No: 893

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: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 10:35 AM	Sampling Time: 11:48 AM	Sampling Time: 12:08 PM	Sampling Time: 12:20 PM						
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.6	24.3	24.6	24.3						
2	PH		day	6.5-8.5				7.4	7.14	7.2	7.33						
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	89.3	6.83	6.71	0.82	0.24	0.13						
4	Color	pt-co	day	15	Portable analyser-AQ3700			45	3	0	0						
5	Suspended Solid	mg/L	day	...				78	4	4	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:																	