



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-05-2022

Test No: 1033

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: 9:55 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 12:15 PM	Sampling Time: 12:25 PM	Sampling Time: 12:35 PM						
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.5	29.8	29.4	29.4						
2	pH		day	6.5-8.5				8.16	7.44	7.49	7.9						
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	114	9.81	9.79	3.42	0.79	0.26						
4	Color	pt-co	day	15	Portable analyser-AQ3700			33	5	0	0						
5	Suspended Solid	mg/L	day	...				63	3	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								2.2				
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900												0.5
9	Nitrogen-Nitrite	mg/L	Once a week	<1													
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50				50						
Remark:																	