



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-12-2021

Test No: 900

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: 9:25 AM	Sampling Time: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 10:28 AM	Sampling Time: 10:42 AM	Sampling Time: 10:55 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.1	23.2	22.9	23.4	
2	PH		day	6.5-8.5				7.44	7.24	7.34	7.4	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	66.1	5.37	5.29	0.84	0.21	0.16	
4	Color	pt-co	day	15	Portable analyser-AQ3700			37	5	1	0	
5	Suspended Solid	mg/L	day	...				52	3	3	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							2.59
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					

Remark: