



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-10-2021

Test No: 825

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: 8:43 AM	Sampling Time: 9:10 AM	Sampling Time: 9:20 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.7	29.5	30.2	30
2	PH		day	6.5-8.5				8.23	8.11	7.73	7.63
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	190	15.2	15.5	0.88	0.19	0.16
4	Color	pt-co	day	15	Portable analyser-AQ3700			94	15	0	0
5	Suspended Solid	mg/L	day					172	14	14	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	<0.2	DR3900						
8	Total Manganese	mg/L	Once a week	<0.1		0.022					
9	Total Iron	mg/L	Once a week	<0.3		0.04					
10	Total residual chlorine	mg/L	Twice a week	0.2		0.24					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40

Remark: