



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-10-2021

Test No: 839

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: 8:48 AM	Sampling Time: 9:00 AM	Sampling Time: 10:50 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.6	29	28.9	29.2	
2	PH		day	6.5-8.5				8.01	7.54	7.41	7.12	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	220	9.08	9.09	0.84	0.19	0.18	
4	Color	pt-co	day	15	Portable analyser-AQ3700			63	20	12	12	
5	Suspended Solid	mg/L	day	...				210	9	9	0	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		0.005						
9	Total Iron	mg/L	Once a week	<0.3		0.02						
10	Total residual chlorine	mg/L	Twice a week	0.2		0.22						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40
Remark:												