



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-11-2021

Test No: 854

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: 10:07 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:15 AM	Sampling Time: 11:26 AM	Sampling Time: 11:37 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.2	28.1	27.8	28.1	
2	PH		day	6.5-8.5				7.94	7.61	7.47	7.46	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	232	26.8	26	1.6	0.29	0.17	
4	Color	pt-co	day	15	Portable analyser-AQ3700			150	3	0	0	
5	Suspended Solid	mg/L	day	...				222	24	23	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	DR3900							
8	Silica	mg/L	Once a week	...		60						
9	Total coliforms	CFU/100 ml	Once a week	0	MC-Media Pad®	13300	3000					0
10	E. Coliforms	CFU/100 ml	Once a week	0		0	0					0
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40
Remark:												