



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-10-2021

Test No: 817

Weather: Cloudy

SI 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: 9:30 AM	Sampling Time: 10:30 AM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM	Sampling Time: 12:35 PM	Sampling Time: 12:40 PM							
1	Temperature	°C	day	20-30	Portable analyser-ST300			30	29.9	30	30							
2	PH		day	6.5-8.5				7.8	7.52	7.45	7.4							
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	84.3	18	18.2	0.97	0.26	0.22							
4	Color	pt-co	day	15	Portable analyser-AQ3700			75	15	2	2							
5	Suspended Solid	mg/L	day					69	15	15	0	0	0					
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable							
7	Alkalinity	mg/L	Once a week		Titration							120						
8	Total coliforms	CFU/100 ml	Once a week	0	Microbiological TCC (ISO 4832:2006)											0		
9	Hardness	mg/L	Once a week	200-500	Titration													
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40											

Remark: