



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-10-2021

Test No: 824

Weather: Clear

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: 11:40 AM	Sampling Time: 9:37 AM	Sampling Time: 9:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:27 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			31.6	31.8	31.7	31.9
2	PH		day	6.5-8.5				8.01	7.81	7.73	7.28
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	171	14.3	13.7	0.81	0.29	0.1
4	Color	pt-co	day	15	Portable analyser-AQ3700			83	5	0	0
5	Suspended Solid	mg/L	day					148	10	9	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week		Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	40		

Remark: