



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-08-2022

Test No: 1146

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: 8:30 AM	Sampling Time: 8:40 AM	Sampling Time: 8:45 AM	Sampling Time: 9:02 AM	Sampling Time: 9:19 AM	Sampling Time: 9:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.1	30.2	30.2	30.2
2	pH		day	6.5-8.5				8.96	8.43	8.29	8.17
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	301	35.9	35.8	5.33	0.93	0.89
4	Color	pt-co	day	15	Portable analyser-AQ3700			101	33	15	15
5	Suspended Solid	mg/L	day	...				286	34	34	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											