



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-10-2021

Test No: 822

Weather: Sunny

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: 9:00 AM	Sampling Time: 10:00 AM	Sampling Time: 10:15 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.2	30.4	30.3	30
2	PH		day	6.5-8.5				7.78	7.53	7.41	7.4
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	102	15.2	15	0.92	0.16	0.15
4	Color	pt-co	day	15	Portable analyser-AQ3700			84	5	4	5
5	Suspended Solid	mg/L	day					105	8	8	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2	DR3900						
8	Sulphate	mg/L	Once a week	400		7					
9	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	40				

Remark: