



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-04-2022

Test No: 1001

Weather: Partly 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: 9:21 AM	Sampling Time: 9:30 AM	Sampling Time: 9:50 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			29	28.7	28.8	29.1
2	pH		day	6.5-8.5				8.5	7.74	7.76	7.89
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	108	10.6	10.2	2.89	0.51	0.29
4	Color	pt-co	day	15	Portable analyser-AQ3700			26	4	0	1
5	Suspended Solid	mg/L	day	...				43	4	4	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Silica	mg/L	Once a week	...	DR3900						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				
Remark:											