



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-04-2022

Test No: 1020

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: 10:30 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29	28.7	29.1
2	pH		day	6.5-8.5				8.16	7.58	7.66	7.73
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	128	12.7	12.5	3.66	0.97	0.9
4	Color	pt-co	day	15	Portable analyser-AQ3700			37	22	0	0
5	Suspended Solid	mg/L	day	...				56	4	4	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	EDTA Titration						
8	Hardness	mg/L	Once a week	200-500	EDTA Titration						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50				
Remark:											