



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-10-2022

Test No: 1181

Weather: Rain

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: 9:37 AM	Sampling Time: 9:48 AM	Sampling Time: 9:55 AM	Sampling Time: 10:45 AM	Sampling Time: 11:00 AM	Sampling Time: 11:05 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29.2	29.3	29.7
2	pH		day	6.5-8.5				7.6	7.28	7.24	7.26
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	305	60.2	60	3.48	0.49	0.17
4	Color	pt-co	day	15	Portable analyser-AQ3700			307	17	0	0
5	Suspended Solid	mg/L	day	...				289	56	56	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	EDTA Titration						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											