



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-05-2022

Test No: 1055

Weather: Cloudy

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: 11:05 AM	Sampling Time: 9:30 AM	Sampling Time: 9:55 AM	Sampling Time: 10:40 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.3	27.5	27.6	27.6
2	pH		day	6.5-8.5				8.29	7.71	7.84	7.87
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	412	50.4	50.3	3.55	0.83	0.56
4	Color	pt-co	day	15	Portable analyser-AQ3700			139	17	2	2
5	Suspended Solid	mg/L	day	...				184	19	19	0
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			40	50		
Remark:											