



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-01-2023

Test No: 1300

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: 9:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 11:28 AM	Sampling Time: 11:38 AM	Sampling Time: 11:48 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.1	22.1	22.2	22.5
2	pH		day	6.5-8.5				8.18	8.06	7.95	7.97
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.3	14.5	13.7	1.87	0.19	0.1
4	Color	pt-co	day	15	Portable analyser-AQ3700			94	1	0	0
5	Suspended Solid	mg/L	day	...				59	15	15	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											