



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-05-2023

Test No: 1400

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: 09:10 AM	Sampling Time: 09:20 AM	Sampling Time: 10:20 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:18 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	28.9	29.1	29
2	pH		day	6.5-8.5				8.19	8.17	8.14	7.99
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	23.7	12.9	12.7	1.45	0.55	0.25
4	Color	pt-co	day	15	Portable analyser-AQ3700			97	23	8	8
5	Suspended Solid	mg/L	day	...				22	14	14	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	870	480				
Remark:											