



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-09-2023

Test No: 1516

Weather: Cloudy

SI 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: 10:10 AM	Sampling Time: 09:30 AM	Sampling Time: 12:00 PM	Sampling Time: 01:00 PM	Sampling Time: 01:10 PM	Sampling Time: 01:20 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.2	29.4	29.6	29.7
2	pH		day	6.5-8.5				8.12	7.98	7.88	7.87
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	241	40.9	40.8	1.89	0.45	0.29
4	Color	pt-co	day	15	Portable analyser-AQ3700			274	26	4	2
5	Suspended Solid	mg/L	day	...				245	48	48	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D						
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	40		
Remark:											