



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-09-2023

Test No: 1524

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: 09:42 AM	Sampling Time: 09:55 AM	Sampling Time: 10:25 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.7	29.5	29.8	29.6
2	pH		day	6.5-8.5				8.16	8.05	7.94	7.79
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	149	51.4	50.3	1.92	0.72	0.42
4	Color	pt-co	day	15	Portable analyser-AQ3700			335	26	15	5
5	Suspended Solid	mg/L	day	...				148	56	56	2
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	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	40		
Remark:											