



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-05-2023

Test No: 1397

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: 09:24 AM	Sampling Time: 09:30 AM	Sampling Time: 09:50 AM	Sampling Time: 10:20 AM	Sampling Time: 10:35 AM	Sampling Time: 10:48 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28	27.9	27.8	28.2
2	pH		day	6.5-8.5				8.07	8.07	8.06	7.99
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	28.5	13.9	13.5	1.34	0.28	0.21
4	Color	pt-co	day	15	Portable analyser-AQ3700			92	24	11	0
5	Suspended Solid	mg/L	day	...				31	13	13	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	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 Method I						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			650	420		
Remark:											