



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-02-2023

Test No: 1327

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: 10:00 AM	Sampling Time: 10:15 AM	Sampling Time: 10:20 AM	Sampling Time: 10:48 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.8	24.8	24.8	24.8
2	pH		day	6.5-8.5				8.3	7.89	7.75	7.72
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	69.2	19.6	19	3.88	0.9	0.29
4	Color	pt-co	day	15	Portable analyser-AQ3700			60	35	4	0
5	Suspended Solid	mg/L	day	...				62	10	10	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	20		
Remark:											