



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-01-2023

Test No: 1299

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: 10:37 AM	Sampling Time: 10:42 AM	Sampling Time: 10:58 AM	Sampling Time: 11:28 AM	Sampling Time: 11:45 AM	Sampling Time: 11:50 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			24	23.9	23.8	23.9	
2	pH		day	6.5-8.5				7.85	7.76	7.63	7.62	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	43	14.8	14.5	1.98	0.21	0.14	
4	Color	pt-co	day	15	Portable analyser-AQ3700			83	5	0	0	
5	Suspended Solid	mg/L	day	...				40	13	13	1	0
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							3.47
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
Remark:												