



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-12-2022

Test No: 1271

Weather: Haze

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: 9:05 AM	Sampling Time: 9:15 AM	Sampling Time: 9:20 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.6	22.7	23.5	23.4
2	pH		day	6.5-8.5				8.39	7.99	8.04	8.01
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	27.4	20.2	19.6	4.68	0.74	0.52
4	Color	pt-co	day	15	Portable analyser-AQ3700			73	32	24	14
5	Suspended Solid	mg/L	day	...				16	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-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											