



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-08-2023

Test No: 1488

Weather: Cloudy

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: 12:12 PM	Sampling Time: 10:12 AM	Sampling Time: 10:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:45 AM	Sampling Time: 11:56 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	28.8	28.6	28.1	
2	pH		day	6.5-8.5				7.88	7.79	7.78	7.72	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	311	35.7	35.1	1.99	0.99	0.26	
4	Color	pt-co	day	15	Portable analyser-AQ3700			236	56	13	5	
5	Suspended Solid	mg/L	day	...				371	39	39	4	1
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							1.13
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	50			60		
Remark:												