



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-05-2022

Test No: 1047

Weather: Partly 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: 8:10 AM	Sampling Time: 9:05 AM	Sampling Time: 10:30 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.2	29.5	29.9	29.7	
2	pH		day	6.5-8.5				8.43	7.44	7.47	7.51	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	94.2	13.5	13.6	8.05	1.15	0.98	
4	Color	pt-co	day	15	Portable analyser-AQ3700			45	27	18	9	
5	Suspended Solid	mg/L	day	...				33	6	6	1	0
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							1.49
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50			50		
Remark:												