



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-12-2022

Test No: 1243

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: 8:25 AM	Sampling Time: 8:45 AM	Sampling Time: 9:05 AM	Sampling Time: 10:18 AM	Sampling Time: 10:28 AM	Sampling Time: 10:38 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			25	25.3	25.6	25.7	
2	pH		day	6.5-8.5				7.88	7.77	7.76	7.75	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	100	13.5	13.3	2.2	0.61	0.33	
4	Color	pt-co	day	15	Portable analyser-AQ3700			83	29	10	9	
5	Suspended Solid	mg/L	day	...				68	9	8	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							
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												