



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-08-2022

Test No: 1138

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: 10:10 AM	Sampling Time: 10:15 AM	Sampling Time: 10:20 AM	Sampling Time: 11:05 AM	Sampling Time: 11:12 AM	Sampling Time: 11:28 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30	29.7	29.5	29.2	
2	pH		day	6.5-8.5				7.67	7.43	7.34	7.32	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	155	85.2	84.1	3.29	0.35	0.21	
4	Color	pt-co	day	15	Portable analyser-AQ3700			340	28	0	0	
5	Suspended Solid	mg/L	day	...				131	62	62	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							0.7
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:												