



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-10-2022

Test No: 1182

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: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:25 AM	Sampling Time: 12:05 PM	Sampling Time: 12:18 AM	Sampling Time: 12:30 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.6	29.4	29.4	29.3	
2	pH		day	6.5-8.5				7.68	7.57	7.4	7.22	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	318	51.4	51.3	3.43	0.21	0.16	
4	Color	pt-co	day	15	Portable analyser-AQ3700			413	21	0	0	
5	Suspended Solid	mg/L	day	...				309	48	48	3	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method							0.01
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method I							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
Remark:												