



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-11-2022

Test No: 1224

Weather: Sunny

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: 9:49 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:42 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.1	25.9	25.9	25.9	
2	pH		day	6.5-8.5				7.25	7.2	7.19	7.16	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	83	18.5	18.1	2.8	0.42	0.2	
4	Color	pt-co	day	15	Portable analyser-AQ3700			82	14	3	3	
5	Suspended Solid	mg/L	day	...				80	9	9	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method							0.04
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
Remark:												