



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-03-2023

Test No: 1357

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: 09:10 AM	Sampling Time: 09:22 AM	Sampling Time: 10:30 AM	Sampling Time: 11:09 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.3	27.2	26.8	27.2	
2	pH		day	6.5-8.5				7.99	7.87	7.81	7.89	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	70.4	17.5	17.2	1.99	0.54	0.35	
4	Color	pt-co	day	15	Portable analyser-AQ3700			82	18	4	0	
5	Suspended Solid	mg/L	day	...				73	14	14	1	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 I FerroVer Method							0.02
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method I							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	300	90			90		
Remark:												