



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-03-2023

Test No: 1355

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: 10:40 AM	Sampling Time: 10:55 AM	Sampling Time: 5:33 PM	Sampling Time: 5:45 PM	Sampling Time: 5:48 PM	Sampling Time: 5:50 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.8	26.5	26.7	26.2	
2	pH		day	6.5-8.5				7.92	7.76	7.52	7.56	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	48.1	21.6	21.4	1.99	0.98	0.58	
4	Color	pt-co	day	15	Portable analyser-AQ3700			102	39	16	3	
5	Suspended Solid	mg/L	day	...				46	18	18	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							0.28
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	250	80			70		
Remark:												