



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-04-2023

Test No: 1369

Weather: Sunny

Sl 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: 09:30 AM	Sampling Time: 9:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:20 AM	Sampling Time: 10:35 AM	Sampling Time: 10:45 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.3	27.2	26.7	27.2	
2	pH		day	6.5-8.5				8.45	8.16	7.96	7.95	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	63.7	16.5	14.9	1.6	0.26	0.22	
4	Color	pt-co	day	15	Portable analyser-AQ3700			96	16	0	0	
5	Suspended Solid	mg/L	day	...				61	13	13	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method I							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						240	160
Remark:												