



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-09-2023

Test No: 1544

Weather: Cloudy

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: 11:10 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:45 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.2	30	29.9	29.5	
2	pH		day	6.5-8.5				8.1	8.01	7.98	7.88	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	172	25.7	25	1.99	0.45	0.34	
4	Color	pt-co	day	15	Portable analyser-AQ3700			103	28	7	8	
5	Suspended Solid	mg/L	day	...				169	14	14	3	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							
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method I							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30
Remark:												