



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-07-2023

Test No: 1467

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: 9:45 AM	Sampling Time: 9:55 AM	Sampling Time: 10:05 AM	Sampling Time: 10:25 AM	Sampling Time: 10:35 AM	Sampling Time: 10:40 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.6	27.3	27.2	27
2	pH		day	6.5-8.5				8.48	8.41	8.33	8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	120	26.8	24.4	1.98	0.33	0.22
4	Color	pt-co	day	15	Portable analyser-AQ3700			184	26	15	10
5	Suspended Solid	mg/L	day	...				153	29	29	2
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 Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	130		
Remark:											