



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-10-2023

Test No: 1551

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: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	Sampling Time: 12:35 PM	Sampling Time: 12:45 PM	Sampling Time: 12:50 PM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.2	29.4	29.1	29.5					
2	pH		day	6.5-8.5				8.14	7.92	7.87	7.81					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	229	54.9	54.7	4.43	0.38	0.37					
4	Color	pt-co	day	15	Portable analyser-AQ3700			313	42	17	15					
5	Suspended Solid	mg/L	day	...				222	55	55	6	0	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							2				
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method											0.8
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30			40						
Remark:																