



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-07-2023

Test No: 1453

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: 3:10 PM	Sampling Time: 3:20 PM	Sampling Time: 3:25 PM	Sampling Time: 3:44 PM	Sampling Time: 3:52 PM	Sampling Time: 3:58 PM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.6	27.9	28.3	28.1					
2	pH		day	6.5-8.5				7.89	7.38	7.12	7.1					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	162	21.9	21.7	1.98	0.62	0.18					
4	Color	pt-co	day	15	Portable analyser-AQ3700			166	39	7	5					
5	Suspended Solid	mg/L	day	...				166	24	24	3	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							2.52				
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method											0.7
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	380			390						
Remark:																