



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-09-2023

Test No: 1521

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: 09:30 AM	Sampling Time: 08:10 AM	Sampling Time: 08:30 AM	Sampling Time: 09:05 AM	Sampling Time: 09:13 AM	Sampling Time: 09:20 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29.5	29.9	30		
2	pH		day	6.5-8.5				8.19	8.1	7.91	7.87		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	544	63.2	62.6	1.96	0.26	0.18		
4	Color	pt-co	day	15	Portable analyser-AQ3700			360	24	5	4		
5	Suspended Solid	mg/L	day	...				557	60	60	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								124.3
8	Salinity	PSU	Once a week	...									0.173
9	Conductivity	µS/cm	Once a week	...									252.6
10	Resistivity	Ω-cm	Once a week	...									3958
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40					50	
Remark:													