



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-08-2023

Test No: 1514

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: 08:20 AM	Sampling Time: 09:00 AM	Sampling Time: 09:30 AM	Sampling Time: 10:03 AM	Sampling Time: 10:10 AM	Sampling Time: 10:15 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	29.6	29.8	29.9		
2	pH		day	6.5-8.5				8.21	7.98	7.88	7.81		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	361	41.2	40.8	1.79	0.37	0.28		
4	Color	pt-co	day	15	Portable analyser-AQ3700			319	27	15	10		
5	Suspended Solid	mg/L	day	...				452	46	46	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								130.7
8	Salinity	PSU	Once a week	...									0.179
9	Conductivity	µS/cm	Once a week	...									265.6
10	Resistivity	Ω-cm	Once a week	...									3765
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40					50	
Remark:													