



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-04-2023

Test No: 1388

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: 9:42 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	29.3	29.3	28.9		
2	pH		day	6.5-8.5				8.19	8.11	8.07	8.03		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81.3	16.7	16.5	1.68	0.57	0.29		
4	Color	pt-co	day	15	Portable analyser-AQ3700			100	20	11	6		
5	Suspended Solid	mg/L	day	...				70	14	14	0	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								981.4
8	Salinity	PSU	Once a week	...									1070
9	Conductivity	µS/cm	Once a week	...									2002
10	Resistivity	Ω-cm	Once a week	...									4995
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	500	380				370		
Remark:													