



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-08-2022

Test No: 1129

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: 10:00 AM	Sampling Time: 9:20 AM	Sampling Time: 12:35 PM	Sampling Time: 12:40 PM	Sampling Time: 12:45 PM	Sampling Time: 12:50 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.8	28.8	28.9	29.1		
2	pH		day	6.5-8.5				7.17	7.14	7.22	7.24		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	478	93.8	93.8	4.45	1.04	0.3		
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	31	10	9		
5	Suspended Solid	mg/L	day	...				511	98	98	1	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								142.4
8	Salinity	PSU	Once a week	...									0.191
9	Conductivity	µS/cm	Once a week	...									289.6
10	Resistivity	Ω-cm	Once a week	...									3452
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: