



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-07-2023

Test No: 1479

Weather: Cloudy

Sl 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: 09:15 AM	Sampling Time: 09:30 AM	Sampling Time: 11:10 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28.5	28	28		
2	pH		day	6.5-8.5				8.54	8.23	8.18	8.06		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	135	36.5	36.2	1.91	0.43	0.19		
4	Color	pt-co	day	15	Portable analyser-AQ3700			260	16	0	0		
5	Suspended Solid	mg/L	day	...				160	43	43	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								207.2
8	Salinity	PSU	Once a week	...									0.254
9	Conductivity	µS/cm	Once a week	...									421.9
10	Resistivity	Ω-cm	Once a week	...									2370
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	60					70	
Remark:													