



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-03-2023

Test No: 1339

Weather: Sunny

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: 10:00 AM	Sampling Time: 9:55 AM	Sampling Time: 10:05 AM	Sampling Time: 11:26 AM	Sampling Time: 11:30 AM	Sampling Time: 11:36 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.4	25.4	25.4	25.4		
2	pH		day	6.5-8.5				7.94	7.86	7.7	7.67		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	72.8	12.7	12.3	1.3	0.36	0.17		
4	Color	pt-co	day	15	Portable analyser-AQ3700			64	7	0	0		
5	Suspended Solid	mg/L	day	...				64	13	13	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								232.1
8	Salinity	PSU	Once a week	...									0.279
9	Conductivity	µS/cm	Once a week	...									472.6
10	Resistivity	Ω-cm	Once a week	...									2116
11	Total residual chlorine	mg/L	Twice a week	0.2									USEPA DPD Method I
12	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40		

Remark: