



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-10-21

Test No: 835

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: 8:48 AM	Sampling Time: 9:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:35 AM	Sampling Time: 11:55 AM	Sampling Time: 12:10 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.5	29.5	29.4	29.3		
2	PH		day	6.5-8.5				7.95	7.79	7.57	7.19		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	114	11.2	11.4	0.73	0.2	0.2		
4	Color	pt-co	day	15	Portable analyser-AQ3700			61	7	0	0		
5	Suspended Solid	mg/L	day	...				96	8	8	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								150.2
8	Salinity	PSU	Once a week	...									0.198
9	Conductivity	µS/cm	Once a week	...									305.5
10	Resistivity	Ω-cm	Once a week	...									3274
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	

Remark: