



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-12-2021

Test No: 877

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: 9:05 AM	Sampling Time: 9:25 AM	Sampling Time: 10:30 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.8	26	26.2	26.2		
2	PH		day	6.5-8.5				7.14	6.91	6.99	7.12		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	70.5	6.5	6.43	1.34	0.31	0.13		
4	Color	pt-co	day	15	Portable analyser-AQ3700			41	28	0	0		
5	Suspended Solid	mg/L	day	...				70	5	5	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								177
8	Salinity	PSU	Once a week	...									0.224
9	Conductivity	µS/cm	Once a week	...									360.3
10	Resistivity	Ω-cm	Once a week	...									2775
11	Chlorine	mg/L	Twice a week	0.2									DR3900
12	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40		

Remark: