



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-11-2021

Test No: 863

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: 10:31 AM	Sampling Time: 10:52 AM	Sampling Time: 10:59 AM	Sampling Time: 11:55 AM	Sampling Time: 12:09 PM	Sampling Time: 12:20 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			27	27	27.1	27.3		
2	PH		day	6.5-8.5				7.87	7.68	7.64	7.72		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	136	21.5	21.2	1.43	0.17	0.17		
4	Color	pt-co	day	15	Portable analyser-AQ3700			84	0	0	0		
5	Suspended Solid	mg/L	day	...				80	11	11	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								161.5
8	Salinity	PSU	Once a week	...									0.209
9	Conductivity	µS/cm	Once a week	...									328.5
10	Resistivity	Ω-cm	Once a week	...									3044
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	

Remark: