



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-12-2021

Test No: 884

Weather: Haze

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: 9:08 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:01 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.8	24.5	24.6	25.2		
2	PH		day	6.5-8.5				7.18	7.01	7.14	7.26		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	61	7.31	7.04	0.82	0.19	0.14		
4	Color	pt-co	day	15	Portable analyser-AQ3700			50	1	0	0		
5	Suspended Solid	mg/L	day	...				70	4	4	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								182.6
8	Salinity	PSU	Once a week	...									0.229
9	Conductivity	µS/cm	Once a week	...									371.6
10	Resistivity	Ω-cm	Once a week	...									2691
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	

Remark: