



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-12-2021

Test No: 905

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: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 10:45 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			23.1	23.2	23.2	24.1		
2	PH		day	6.5-8.5				7.52	7.32	7.47	7.53		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81	5.07	4.43	1.07	0.26	0.12		
4	Color	pt-co	day	15	Portable analyser-AQ3700			49	18	15	13		
5	Suspended Solid	mg/L	day	...				72	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								209
8	Salinity	PSU	Once a week	...									0.255
9	Conductivity	µS/cm	Once a week	...									425.5
10	Resistivity	Ω-cm	Once a week	...									2350
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	

Remark: