



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-01-2022

Test No: 912

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: 9:53 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:38 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.8	22.8	21.9	22.2		
2	PH		day	6.5-8.5				7.77	7.57	7.59	7.62		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	46.6	6.25	6.22	1.98	0.26	0.12		
4	Color	pt-co	day	15	Portable analyser-AQ3700			35	24	0	0		
5	Suspended Solid	mg/L	day	...				41	3	3	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								219.8
8	Salinity	PSU	Once a week	...									0.266
9	Conductivity	µS/cm	Once a week	...									447.6
10	Resistivity	Ω-cm	Once a week	...									2234
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40						

Remark: