



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-12-2021

Test No: 895

Weather: Haze

Sl No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation /	Post-filters / Pre-Treated	Post-Treated Water		
						Sampling Time: 9:12 AM	Sampling Time: 9:30 AM	Sampling Time: 10:30 AM	Sampling Time: 11:42 AM	Sampling Time: 11:55 AM	Sampling Time: 12:07 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.8	24.2	23.7	24.6		
2	PH		day	6.5-8.5				7.55	7.07	7.36	7.43		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	98	5.82	5.8	0.77	0.17	0.18		
4	Color	pt-co	day	15	Portable analyser-AQ3700			40	4	0	0		
5	Suspended Solid	mg/L	day	...				92	4	4	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Aluminium	mg/L	Once a week	<0.2	DR3900								0.182
8	Total Manganese	mg/L	Once a week	<0.1									0.014
9	Total Iron	mg/L	Once a week	<0.3									0.04
10	Total residual chlorine	mg/L	Twice a week	0.2									0.28
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													