



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-01-2022

Test No: 916

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: 9:35 AM	Sampling Time: 9:45 AM	Sampling Time: 10:05 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			24	23.7	23.7	24.1		
2	PH		day	6.5-8.5				7.78	7.59	7.75	7.85		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	75	4.72	4.7	0.98	0.24	0.19		
4	Color	pt-co	day	15	Portable analyser-AQ3700			33	10	0	0		
5	Suspended Solid	mg/L	day	...				72	3	3	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								0.2
8	Total Manganese	mg/L	Once a week	<0.1									0.007
9	Total Iron	mg/L	Once a week	<0.3									0.06
10	Total residual chlorine	mg/L	Twice a week	0.2									0.23
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													