



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-03-2022

Test No: 986

Weather: Hazy Sunshine

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: 9:18 AM	Sampling Time: 9:30 AM	Sampling Time: 9:50 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300	/		27.7	27	27.1	27.4		
2	pH		day	6.5-8.5				8.22	7.34	7.64	7.83		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	72.5	12.5	12	1.21	0.24	0.22		
4	Color	pt-co	day	15	Portable analyser-AQ3700	/		35	0	0	0		
5	Suspended Solid	mg/L	day	...				29	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			/					0.2
8	Total Manganese	mg/L	Once a week	<0.1									0.008
9	Total Iron	mg/L	Once a week	<0.3									0.05
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:													