



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-04-2022

Test No: 1007

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: 8:30 AM	Sampling Time: 9:00 AM	Sampling Time: 9:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.9	28.7	28.7	29		
2	pH		day	6.5-8.5				7.99	7.49	7.58	7.68		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	80.3	10.9	10.5	1.2	0.51	0.14		
4	Color	pt-co	day	15	Portable analyser-AQ3700			17	0	0	0		
5	Suspended Solid	mg/L	day	...				30	2	2	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									0.013
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	60	40					40	
Remark:													