



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-01-2022

Test No: 923

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: 11:00 AM	Sampling Time: 8:40 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.9	21.7	21.8	22.6	
2	PH		day	6.5-8.5				7.87	7.58	7.72	7.78	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	63.2	5.78	5.54	1.2	0.26	0.19	
4	Color	pt-co	day	15	Portable analyser-AQ3700			40	2	0	0	
5	Suspended Solid	mg/L	day	...				59	3	3	1	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 residual chlorine	mg/L	Twice a week	0.2								0.25
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					
Remark:												