



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-01-2022

Test No: 913

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: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:05 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.7	23	22.5	22.8		
2	PH		day	6.5-8.5				7.64	7.4	7.51	7.62		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	55.2	7.01	6.88	1.11	0.23	0.22		
4	Color	pt-co	day	15	Portable analyser-AQ3700			38	3	0	0		
5	Suspended Solid	mg/L	day	...				39	3	3	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2	DR3900								0.29
8	Fluoride	mg/L	Once a week	1									0.24
9	Sulphate	mg/L	Once a week	400									12
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													