



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-04-2022

Test No: 1004

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: 9:30 AM	Sampling Time: 9:45 AM	Sampling Time: 10:00 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			28.5	28.2	28.5	28.5		
2	pH		day	6.5-8.5				8.37	7.66	7.85	7.97		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	103	27.1	27	1.72	0.29	0.27		
4	Color	pt-co	day	15	Portable analyser-AQ3700			52	0	0	0		
5	Suspended Solid	mg/L	day	...				43	6	6	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								0.28
8	Fluoride	mg/L	Once a week	1									0.34
9	Sulphate	mg/L	Once a week	400									22
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	60	40					40	
Remark:													