



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-05-2023

Test No: 1398

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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 09:55 AM	Sampling Time: 10:45 AM	Sampling Time: 10:58 AM	Sampling Time: 11:05 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28.2	28.1	28.1	
2	pH		day	6.5-8.5				8.1	8.04	8	7.98	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	46.8	27.5	25.5	1.98	0.78	0.23	
4	Color	pt-co	day	15	Portable analyser-AQ3700			129	31	5	0	
5	Suspended Solid	mg/L	day	...				41	25	25	3	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							120
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	720	440			430		
Remark:												