



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-02-2023

Test No: 1307

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: 9:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:45 AM	Sampling Time: 11:25 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			23	22.9	22.9	23.3	
2	pH		day	6.5-8.5				7.91	7.87	7.79	7.76	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	55.9	15.2	15	1.26	0.2	0.09	
4	Color	pt-co	day	15	Portable analyser-AQ3700			92	22	0	0	
5	Suspended Solid	mg/L	day	...				51	16	16	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							135
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
Remark:												