



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-07-2023

Test No: 1461

Weather: Cloudy

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: 11:20 AM	Sampling Time: 09:40 AM	Sampling Time: 09:55 AM	Sampling Time: 10:45 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28.3	27.7	27.8
2	pH		day	6.5-8.5				8.08	7.98	7.93	7.97
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	115	22.4	22.1	1.99	0.47	0.31
4	Color	pt-co	day	15	Portable analyser-AQ3700			137	39	11	3
5	Suspended Solid	mg/L	day	...				124	23	23	4
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	EDTA Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	220		
Remark:											