



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-08-2023

Test No: 1496

Weather: Rain

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:30 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.5	26.7	27.2	26.7	
2	pH		day	6.5-8.5				7.48	7.42	7.15	7.08	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	241	34.7	34.4	1.98	0.42	0.13	
4	Color	pt-co	day	15	Portable analyser-AQ3700			242	28	3	1	
5	Suspended Solid	mg/L	day	...				254	41	41	2	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							90
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	50			50		
Remark:												