



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-05-2023

Test No: 1399

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: 08:15 AM	Sampling Time: 08:30 AM	Sampling Time: 10:15 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM			
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.5	27.5	27.5	27.4			
2	pH		day	6.5-8.5				7.97	7.96	7.86	7.84			
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	22.2	13.2	13.2	1.99	0.88	0.36			
4	Color	pt-co	day	15	Portable analyser-AQ3700			98	30	5	0			
5	Suspended Solid	mg/L	day	...				18	15	15	2	0	0	
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable			
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1							0.188		
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1									
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	740	460							
Remark:														