



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-09-2023

Test No: 1532

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: 11:10 AM	Sampling Time: 09:30 AM	Sampling Time: 09:50 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.2	29.7	29.6	29.4	
2	pH		day	6.5-8.5				8.21	8.07	7.96	7.88	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	198	23.3	22.2	1.79	0.45	0.38	
4	Color	pt-co	day	15	Portable analyser-AQ3700			137	24	16	13	
5	Suspended Solid	mg/L	day	...				181	19	19	2	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							0.023
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30			40		
Remark:												