



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-09-2023

Test No: 1525

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: 10:20 AM	Sampling Time: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29.7	29.9	29.8	
2	pH		day	6.5-8.5				8.19	8.06	7.91	7.88	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	153	43.7	43.2	1.99	0.47	0.28	
4	Color	pt-co	day	15	Portable analyser-AQ3700			270	33	12	6	
5	Suspended Solid	mg/L	day	...				149	43	43	4	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							0.036
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40			50		
Remark:												