



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-08-2023

Test No: 1511

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: 09:38 AM	Sampling Time: 09:55 AM	Sampling Time: 10:58 AM	Sampling Time: 11:34 AM	Sampling Time: 11:40 AM	Sampling Time: 11:45 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.6	29.1	28.8	29.3	
2	pH		day	6.5-8.5				8.17	7.97	7.82	7.72	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	225	81.4	80.1	1.97	0.46	0.22	
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	37	14	10	
5	Suspended Solid	mg/L	day	...				234	89	89	3	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							0.112
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:												