



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-07-2023

Test No: 1483

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: 09:12 AM	Sampling Time: 09:30 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.1	29.8	29.5	29.8	
2	pH		day	6.5-8.5				8.65	8.3	8.22	8.07	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	142	42.2	37.8	1.99	0.3	0.22	
4	Color	pt-co	day	15	Portable analyser-AQ3700			233	33	10	4	
5	Suspended Solid	mg/L	day	...				145	40	40	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Iron	mg/L	Once a week	0.3	USEPA I FerroVer Method							0.03
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method I							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	60					
Remark:												