



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-10-2023

Test No: 1560

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: 08:50 AM	Sampling Time: 09:30 AM	Sampling Time: 10:05 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.2	30.5	30.2	30.1
2	pH		day	6.5-8.5				8.12	7.98	7.88	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	144	21.8	20.3	1.98	0.28	0.24
4	Color	pt-co	day	15	Portable analyser-AQ3700			117	25	10	9
5	Suspended Solid	mg/L	day	...				136	17	17	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2-2.0	USEPA DPD Method I						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
Remark:											