



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-10-2023

Test No: 1562

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: 10:06 AM	Sampling Time: 10:25 AM	Sampling Time: 11:00 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			30.7	30.2	30	29.9
2	pH		day	6.5-8.5				8.1	7.98	7.92	7.81
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	122	18.3	17.8	1.74	0.31	0.31
4	Color	pt-co	day	15	Portable analyser-AQ3700			83	28	18	11
5	Suspended Solid	mg/L	day	...				127	18	16	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb						
8	ORP	mv	Once a week	...	WTW pH/ ION 3310						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
Remark:											