



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-05-2023

Test No: 1401

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: 09:00 AM	Sampling Time: 9:35 AM	Sampling Time: 10:15 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.6	29.2	29.6	29.8
2	pH		day	6.5-8.5				8.27	7.97	8	7.97
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	46.7	18.2	17.5	1.99	0.89	0.48
4	Color	pt-co	day	15	Portable analyser-AQ3700			130	50	15	1
5	Suspended Solid	mg/L	day	...				47	17	16	3
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			930	500		
Remark:											