



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-06-2023

Test No: 1436

Weather: Mostly 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: 09:20 AM	Sampling Time: 12:00 PM	Sampling Time: 12:18 PM	Sampling Time: 12:30 PM	Sampling Time: 12:40 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.4	30.1	29.8	29.4
2	pH		day	6.5-8.5				8.09	7.76	7.75	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	37.3	16	15.9	1.78	0.25	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			78	21	10	9
5	Suspended Solid	mg/L	day	...				33	12	12	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	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			340	550		
Remark:											