



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-10-2021

Test No: 820

Weather: Cloudy

SI 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: 8:33 AM	Sampling Time: 9:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:40 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29.4	29.2	29.3
2	PH		day	6.5-8.5				7.8	7.58	7.46	7.46
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	81	12	12.2	1.17	0.25	0.08
4	Color	pt-co	day	15	Portable analyser-AQ3700			55	1	0	0
5	Suspended Solid	mg/L	day					86	9	9	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	Titration						
8	ORP	mv	Once a week		WTW PH ION 3310						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	40		

Remark: