



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-10-2021

Test No: 841

Weather: Cloudy

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: 9:00 AM	Sampling Time: 9:10 AM	Sampling Time: 10:10 AM	Sampling Time: 11:00 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	29.4	29.6	29.6
2	PH		day	6.5-8.5				8.08	7.79	7.68	7.42
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	138	8.67	8.4	0.63	0.23	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			54	1	0	0
5	Suspended Solid	mg/L	day	...				131	6	6	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	Portable analyser-AQ3700						
8	Magnesium	mg/L	Once a week	30-35		18.3					
9	ORP	mv	Once a week	...		WTW PH ION 3310	92.2				
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40
Remark:											