



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-10-2021

Test No: 834

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: 9:02 AM	Sampling Time: 9:15 AM	Sampling Time: 9:50 AM	Sampling Time: 10:20 AM	Sampling Time: 10:35 AM	Sampling Time: 10:45 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28	27.7	28.6	28.8	
2	PH		day	6.5-8.5				7.84	7.66	7.22	7.05	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	86.2	11.2	10.4	0.76	0.21	0.16	
4	Color	pt-co	day	15	Portable analyser-AQ3700			63	0	0	0	
5	Suspended Solid	mg/L	day	...				86	8	8	0	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						
9	ORP	mv	Once a week	...		WTW PH ION 3310	71.7					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40
Remark:												