



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-11-2021

Test No: 859

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: 8:50 AM	Sampling Time: 9:00 AM	Sampling Time: 10:20 AM	Sampling Time: 10:42 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.3	25.2	25.4	25.8
2	PH		day	6.5-8.5				7.95	7.52	7.48	7.38
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	149	27.6	27.7	1.33	0.26	0.25
4	Color	pt-co	day	15	Portable analyser-AQ3700			103	13	5	5
5	Suspended Solid	mg/L	day	...				145	13	13	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	EDTA Titration						
8	Hardness	mg/L	Once a week	200-500	EDTA Titration	140					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	40				
Remark:											