



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-08-2022

Test No: 1125

Weather: Partly 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: 9:50 AM	Sampling Time: 10:00 AM	Sampling Time: 11:50 AM	Sampling Time: 12:10 PM	Sampling Time: 12:30 PM	Sampling Time: 12:50 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			31.2	30.4	30	29.8
2	pH		day	6.5-8.5				8.64	7.88	7.76	7.65
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	391	38.9	38.9	1.81	0.36	0.32
4	Color	pt-co	day	15	Portable analyser-AQ3700			240	24	22	11
5	Suspended Solid	mg/L	day	...				416	40	40	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700	85					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											