



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-02-2022

Test No: 945

Weather: Sunny

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: 9:07 AM	Sampling Time: 9:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.6	22.1	22.1	22.5
2	pH		day	6.5-8.5				8.13	7.88	7.89	7.92
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	94.3	7.68	7.63	1.19	0.29	0.23
4	Color	pt-co	day	15	Portable analyser-AQ3700			43	6	0	0
5	Suspended Solid	mg/L	day	...				50	5	5	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	DR3900						
8	Silica	mg/L	Once a week	...		20.8					
9	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	40				
Remark:											