



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-05-2022

Test No: 1057

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: 8:30 AM	Sampling Time: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.7	28.3	28.3	27.9
2	pH		day	6.5-8.5				7.93	7.5	7.52	7.54
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	431	49.6	49.4	2.85	0.98	0.52
4	Color	pt-co	day	15	Portable analyser-AQ3700			127	13	11	10
5	Suspended Solid	mg/L	day	...				191	15	15	0
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	...		55.4					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40			50	
Remark:											