



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-05-2022

Test No: 1041

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: 8:47 AM	Sampling Time: 9:00 AM	Sampling Time: 10:05 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			30.5	30	29.9	30.5
2	pH		day	6.5-8.5				8.51	7.5	7.64	7.86
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	85.8	14.5	14.4	4.14	0.55	0.55
4	Color	pt-co	day	15	Portable analyser-AQ3700			37	0	0	0
5	Suspended Solid	mg/L	day	...				30	11	11	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						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50				
Remark:											