



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-05-2022

Test No: 1048

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: 8:44 AM	Sampling Time: 9:30 AM	Sampling Time: 10:20 AM	Sampling Time: 11:15 AM	Sampling Time: 11:25 AM	Sampling Time: 11:37 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.8	28.5	28.7	28.7
2	pH		day	6.5-8.5				8.19	7.45	7.46	7.56
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	105	14.9	14.9	7.62	1.49	0.93
4	Color	pt-co	day	15	Portable analyser-AQ3700			48	31	4	0
5	Suspended Solid	mg/L	day	...				44	6	6	1
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		130					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50			50	
Remark:											