



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-01-2022

Test No: 929

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: 9:49 AM	Sampling Time: 10:10 AM	Sampling Time: 10:35 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:07 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.7	21.8	21.6	21.8	
2	pH		day	6.5-8.5				7.9	7.49	7.79	7.87	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	47.2	4.98	4.98	1.68	0.16	0.15	
4	Color	pt-co	day	15	Portable analyser-AQ3700			35	9	0	0	
5	Suspended Solid	mg/L	day	...				37	3	3	0	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							170
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40			40		
Remark:												