



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-04-2022

Test No: 1009

Weather: Hazy Sunshine

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: 9:30 AM	Sampling Time: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 11:15 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.3	29.4	29.6	29.9	
2	pH		day	6.5-8.5				8.16	7.47	7.55	7.66	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	52.2	9.28	9.25	1.43	0.3	0.2	
4	Color	pt-co	day	15	Portable analyser-AQ3700			19	0	0	0	
5	Suspended Solid	mg/L	day	...				19	3	3	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Calcium	mg/L	Once a week	75	EDTA Titration							70
8	ORP	mv	Once a week	...	WTW PH ION 3310							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	40			40		
Remark:												