



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-12-2021

Test No: 904

Weather: Haze

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: 9:18 AM	Sampling Time: 10:17 AM	Sampling Time: 10:45 AM	Sampling Time: 11:50 AM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.5	23.1	23	23.3	
2	PH		day	6.5-8.5				7.47	7.28	7.35	7.39	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	86.2	4.83	4.8	0.87	0.32	0.12	
4	Color	pt-co	day	15	Portable analyser-AQ3700			39	2	0	0	
5	Suspended Solid	mg/L	day	...				73	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	40	40			40		
Remark:												