



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-09-2021

Test No: 803

Weather: Rain

SI 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: 9:38 AM	Sampling Time: 9:45 AM	Sampling Time: 11:00 AM	Sampling Time: 11:30 AM	Sampling Time: 11:45 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	29.1	29.1	29.6		
2	PH		day	6.5-8.5				7.69	7.45	7.5	7.42		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	200	40.7	40	1.23	0.31	0.1		
4	Color	pt-co	day	15	Portable analyser-AQ3700			211	10	0	0		
5	Suspended Solid	mg/L	day					201	30	30	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Alkalinity	mg/L	Once a week		Titration								90
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700	51							
9	Total coliforms	CFU/100 ml	Once a week	0	Microbiological TCC (ISO 4832:2006)	333	110						0
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	40						40
Remark:													