



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-10-2021

Test No: 829

Weather: Sunny

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: 9:45 AM	Sampling Time: 9:51 AM	Sampling Time: 9:55 AM	Sampling Time: 10:30 AM	Sampling Time: 10:37 AM	Sampling Time: 10:47 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.6	28.7	28.6	28.6	
2	PH		day	6.5-8.5				8.08	7.73	7.67	7.62	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	99.2	7.77	7.58	0.69	0.29	0.17	
4	Color	pt-co	day	15	Portable analyser-AQ3700			59	10	0	0	
5	Suspended Solid	mg/L	day					75	6	6	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total residual chlorine	mg/L	Twice a week	0.2	DR3900							0.23
8	Fluoride	mg/L	Once a week	1								0.27
9	Sulphate	mg/L	Once a week	400								8
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					
Remark:												