



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-12-2021

Test No: 885

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: 10:05 AM	Sampling Time: 10:15 AM	Sampling Time: 10:20 AM	Sampling Time: 10:57 AM	Sampling Time: 11:07 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.1	24.2	24.3	24.5		
2	PH		day	6.5-8.5				7.18	6.97	7.09	7.2		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	67	7.47	7.44	0.63	0.26	0.18		
4	Color	pt-co	day	15	Portable analyser-AQ3700			52	2	0	0		
5	Suspended Solid	mg/L	day	...				68	4	4	0	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								0.26
8	Fluoride	mg/L	Once a week	1									0.3
9	Sulphate	mg/L	Once a week	400									11
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													