



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-12-2021

Test No: 881

Weather: Rain

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: 10:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:40 AM	Sampling Time: 11:25 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.3	24.4	24.4	24.5	
2	PH		day	6.5-8.5				7.21	7.04	7.15	7.23	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	120	7.65	7.63	1.18	0.22	0.2	
4	Color	pt-co	day	15	Portable analyser-AQ3700			49	4	0	0	
5	Suspended Solid	mg/L	day	...				97	6	6	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Aluminium	mg/L	Once a week	<0.2	DR3900							
8	Total Iron	mg/L	Once a week	<0.3		0.04						
9	Total residual chlorine	mg/L	Twice a week	0.2		0.19						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40
Remark:												