



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-01-2022

Test No: 937

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: 9:30 AM	Sampling Time: 9:45 AM	Sampling Time: 10:05 AM	Sampling Time: 11:48 AM	Sampling Time: 12:10 PM	Sampling Time: 12:30 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300	/		22.7	22.7	22.6	22.9		
2	pH		day	6.5-8.5				8	7.69	7.8	7.81		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	83	5.89	5.27	1.03	0.21	0.21		
4	Color	pt-co	day	15	Portable analyser-AQ3700	/		30	6	5	2		
5	Suspended Solid	mg/L	day	...				72	4	4	0	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			/					0.195
8	Total Iron	mg/L	Once a week	<0.3									0.06
9	Total residual chlorine	mg/L	Twice a week	0.2									0.24
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													