



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-02-2022

Test No: 963

Weather: Sunny

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: 8:10 AM	Sampling Time: 8:30 AM	Sampling Time: 9:20 AM	Sampling Time: 9:25 AM	Sampling Time: 9:30 AM	Sampling Time: 9:40 AM											
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.1	24.1	24.2	24.7											
2	pH		day	6.5-8.5				7.61	7.29	7.39	7.58											
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	68.2	8.09	8.05	1.16	0.31	0.19											
4	Color	pt-co	day	15	Portable analyser-AQ3700			25	0	0	0											
5	Suspended Solid	mg/L	day	...				42	4	4	0	0	0									
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable											
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D																	
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900																	
9	Iron	mg/L	Once a week	0.3																		
10	Nitrogen-Nitrite	mg/L	Once a week	<1																		
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40															
Remark:																						