



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-02-2022

Test No: 942

Weather: Cloudy

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: 10:01 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:30 AM	Sampling Time: 11:42 AM	Sampling Time: 11:52 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.2	22.1	22.2	22.2	
2	pH		day	6.5-8.5				8.11	7.31	7.9	8.08	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	73.5	5.77	5.72	1.47	0.4	0.26	
4	Color	pt-co	day	15	Portable analyser-AQ3700			32	5	0	0	
5	Suspended Solid	mg/L	day	...				42	3	2	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							3.31
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40			40		

Remark: