



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-06-2022

Test No: 1061

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: 8:30 AM	Sampling Time: 9:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.6	29.2	29.2	29.1	
2	pH		day	6.5-8.5				7.12	6.71	6.72	6.83	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	383	43.1	43.1	7.74	0.8	0.55	
4	Color	pt-co	day	15	Portable analyser-AQ3700			139	19	0	0	
5	Suspended Solid	mg/L	day	...				150	20	20	1	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	Cadmium Reduction Method	0.6						
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1	0.008						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40
Remark:												