



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-06-2022

Test No: 1075

Weather: Cloudy

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: 9:40 AM	Sampling Time: 9:30 AM	Sampling Time: 8:40 PM	Sampling Time: 9:30 PM	Sampling Time: 9:40 PM	Sampling Time: 9:49 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29.3	29.1	28.9	
2	pH		day	6.5-8.5				7.87	7.1	7.18	7.37	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	90.7	15.6	15.6	2.47	0.46	0.22	
4	Color	pt-co	day	15	Portable analyser-AQ3700			105	26	0	0	
5	Suspended Solid	mg/L	day	...				81	10	10	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							1.56
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							0.7
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							0.007
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40			40		
Remark:												