



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 24-09-2022

Test No: 1173

Weather: Partly 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: 12:40 PM	Sampling Time: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 12:15 PM	Sampling Time: 12:25 PM	Sampling Time: 12:35 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.7	30.6	30.6	30.4	
2	pH		day	6.5-8.5				6.99	6.86	6.89	6.92	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	175	64.7	64.7	5.72	0.68	0.19	
4	Color	pt-co	day	15	Portable analyser-AQ3700			417	27	3	0	
5	Suspended Solid	mg/L	day	...				172	58	58	3	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							1
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												