



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 16-07-2022

Test No: 1103

Weather: Partly 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: 8:30 AM	Sampling Time: 9:20 AM	Sampling Time: 9:30 AM	Sampling Time: 10:35 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	28.6	28.5	28.7	
2	pH		day	6.5-8.5				7.43	7.1	7.14	7.31	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	217	30.7	30.7	2.17	0.37	0.11	
4	Color	pt-co	day	15	Portable analyser-AQ3700			166	11	0	0	
5	Suspended Solid	mg/L	day	...				186	24	24	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	Cadmium Reduction Method							
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
<b>Remark:</b>												