



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 09-05-2022

Test No: 1035

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: 10:07 AM	Sampling Time: 10:10 AM	Sampling Time: 11:20 AM	Sampling Time: 12:05 PM	Sampling Time: 12:25 PM	Sampling Time: 12:40 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	28.7	28.7	28.5
2	pH		day	6.5-8.5				8.52	7.55	7.71	7.89
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	119	13.6	13.5	6.13	0.67	0.24
4	Color	pt-co	day	15	Portable analyser-AQ3700			61	8	0	0
5	Suspended Solid	mg/L	day	...				67	6	6	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	<0.2	DR3900						
8	Total Manganese	mg/L	Once a week	<0.1		0.005					
9	Total Iron	mg/L	Once a week	<0.3		0.05					
10	Total residual chlorine	mg/L	Twice a week	0.2		0.23					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50				50
<b>Remark:</b>											