



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 07-01-2023

Test No: 1278

Weather: Hazy Sunshine

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:45 AM	Sampling Time: 10:50 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			20.2	20.2	20.2	20.5					
2	pH		day	6.5-8.5				8.2	8.06	8.01	7.93					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	22.2	16.5	16	3.84	0.63	0.62					
4	Color	pt-co	day	15	Portable analyser-AQ3700			76	20	10	10					
5	Suspended Solid	mg/L	day	...				10	11	11	3	0	0			
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable					
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							5.06				
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method											0.1
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20						
<b>Remark:</b>																