



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 28-11-2022

Test No: 1238

Weather: Sunny

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: 9:30 AM	Sampling Time: 9:45 AM	Sampling Time: 10:25 AM	Sampling Time: 11:05 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.1	26.2	26.1	26.7	
2	pH		day	6.5-8.5				8.04	7.83	7.71	7.72	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	40.8	12.9	12.4	4.81	0.46	0.23	
4	Color	pt-co	day	15	Portable analyser-AQ3700			84	48	24	11	
5	Suspended Solid	mg/L	day	...				40	9	9	4	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN							0.012
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
<b>Remark:</b>												