



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 04-04-2022

Test No: 1000

Weather: Partly 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: 9:45 AM	Sampling Time: 9:50 AM	Sampling Time: 10:05 AM	Sampling Time: 10:45 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300	/		29.3	28.7	28.4	29.3		
2	pH		day	6.5-8.5				8.3	7.68	7.88	7.81		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	68.2	9.83	9.8	1.07	0.38	0.38		
4	Color	pt-co	day	15	Portable analyser-AQ3700	/		31	0	0	0		
5	Suspended Solid	mg/L	day	...				28	3	3	0	0	0
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			/					0.2
8	Total Iron	mg/L	Once a week	<0.3									0.05
9	Total residual chlorine	mg/L	Twice a week	0.2									0.29
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40	/				40	
Remark:													