



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 03-01-2022

Test No: 909

Weather: Haze

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: 8:55 AM	Sampling Time: 9:37 AM	Sampling Time: 9:52 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.4	22.5	22.5	22.7		
2	PH		day	6.5-8.5				7.7	7.42	7.43	7.57		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	76.7	4.92	4.87	0.92	0.26	0.13		
4	Color	pt-co	day	15	Portable analyser-AQ3700			38	11	27	7		
5	Suspended Solid	mg/L	day	...				65	3	2	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Iron	mg/L	Once a week	<0.3	DR3900								0.04
8	Total residual chlorine	mg/L	Twice a week	0.2									0.29
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40						
<b>Remark:</b>													