



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 22-09-2021

Test No: 806

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: 8:15 AM	Sampling Time: 8:35 AM	Sampling Time: 9:47 AM	Sampling Time: 10:21 AM	Sampling Time: 10:32 AM	Sampling Time: 10:45 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.7	28.5	28.5	28.2		
2	PH		day	6.5-8.5				7.74	7.4	7.36	7.21		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	184	39.8	41.2	1.49	0.29	0.16		
4	Color	pt-co	day	15	Portable analyser-AQ3700			193	8	0	0		
5	Suspended Solid	mg/L	day					191	31	33	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Calcium	mg/L	Once a week	75	Portable analyser-AQ3700								74.7
8	Magnesium	mg/L	Once a week	30-35									17.7
9	ORP	mv	Once a week										WTW PH ION 3310
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40						
<b>Remark:</b>													