



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 29-07-2022

Test No: 1116

Weather: Sunny

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: 9:15 AM	Sampling Time: 9:20 AM	Sampling Time: 9:25 AM	Sampling Time: 10:20 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.7	29.5	29.6	29.8		
2	pH		day	6.5-8.5				7.94	7.58	7.42	7.38		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	79.2	16.7	16.7	1.69	0.38	0.2		
4	Color	pt-co	day	15	Portable analyser-AQ3700			91	6	0	0		
5	Suspended Solid	mg/L	day	...				51	7	7	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1								0.17
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2								8
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20						20
<b>Remark:</b>													