



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 20-05-2022

Test No: 1046

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: 9:35 AM	Sampling Time: 9:50 AM	Sampling Time: 9:55 AM	Sampling Time: 10:36 AM	Sampling Time: 10:45 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.7	29.2	29.7	29.7
2	pH		day	6.5-8.5				8.85	7.56	7.69	7.87
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	93.5	21.2	21.2	9.05	1.71	0.99
4	Color	pt-co	day	15	Portable analyser-AQ3700			63	38	17	15
5	Suspended Solid	mg/L	day	...				31	3	6	1
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	DR3900			0.23		0.29	
8	Sulfate	mg/L	Once a week	400						23	
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50				50
<b>Remark:</b>											