



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 27-05-2022

Test No: 1053

Weather: Mostly 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: 10:05 AM	Sampling Time: 10:10 AM	Sampling Time: 10:18 AM	Sampling Time: 10:50 AM	Sampling Time: 11:05 AM	Sampling Time: 11:15 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29.1	29.2	28.9		
2	pH		day	6.5-8.5				8.45	7.35	7.37	7.45		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	337	27.3	27.2	6.37	1.07	0.99		
4	Color	pt-co	day	15	Portable analyser-AQ3700			105	27	8	0		
5	Suspended Solid	mg/L	day	...				167	14	14	2	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	DR3900								0.12
8	Sulfate	mg/L	Once a week	400									18
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	50						
<b>Remark:</b>													