



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 19-09-2022

Test No: 1168

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: 8:50 AM	Sampling Time: 9:00 AM	Sampling Time: 9:10 AM	Sampling Time: 10:16 AM	Sampling Time: 10:26 AM	Sampling Time: 10:36 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28	27.7	27.4
2	pH		day	6.5-8.5				7.57	7.8	7.81	7.81
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	207	79.5	79.5	12.2	0.53	0.28
4	Color	pt-co	day	15	Portable analyser-AQ3700			459	47	9	0
5	Suspended Solid	mg/L	day	...				198	61	61	9
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	<0.2	Eriochrome Cyanine R Method1						
8	Total Iron	mg/L	Once a week	<0.3	USEPA I FerroVer Method	0.03					
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.22					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
<b>Remark:</b>											