



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 05-09-2022

Test No: 1154

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: 10:50 AM	Sampling Time: 9:30 AM	Sampling Time: 10:10 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29	29	29	28.7	
2	pH		day	6.5-8.5				7.72	7.13	7.09	7.13	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	533	88.3	88.2	8.27	0.58	0.53	
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	39	18	15	
5	Suspended Solid	mg/L	day	...				556	84	84	5	0
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 Manganese	mg/L	Once a week	<0.1	1-(2-Pyridylazo)-2-Naphthol PAN	0.012						
9	Total Iron	mg/L	Once a week	<0.3	USEPA 1 FerroVer Method	0.13						
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.09						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20
<b>Remark:</b>												