



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 16-12-2022

Test No: 1256

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: 12:20 PM	Sampling Time: 10:10 AM	Sampling Time: 10:25 AM	Sampling Time: 11:35 AM	Sampling Time: 11:55 AM	Sampling Time: 12:10 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.9	23.5	23.5	23.6	
2	pH		day	6.5-8.5				7.9	7.57	7.56	7.55	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	112	19.6	19.3	2.71	0.58	0.4	
4	Color	pt-co	day	15	Portable analyser-AQ3700			102	40	18	14	
5	Suspended Solid	mg/L	day	...				101	16	16	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							0.18
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1							0.25
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							11
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
<b>Remark:</b>												