



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 27-01-2023

Test No: 1298

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: 9:48 AM	Sampling Time: 10:00 AM	Sampling Time: 10:15 AM	Sampling Time: 11:25 AM	Sampling Time: 11:36 AM	Sampling Time: 11:47 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.1	22.7	22.5	22.4					
2	pH		day	6.5-8.5				7.99	7.9	7.85	7.83					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	64	14.2	13.5	1.69	0.28	0.12					
4	Color	pt-co	day	15	Portable analyser-AQ3700			77	10	0	0					
5	Suspended Solid	mg/L	day	...				77	12	12	1	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	USEPA DPD Method1							0.28				
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1											0.24
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20						
<b>Remark:</b>																