



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 26-05-2023

Test No: 1417

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: 1:18 PM	Sampling Time: 10:10 AM	Sampling Time: 10:15 AM	Sampling Time: 11:20 AM	Sampling Time: 11:34 AM	Sampling Time: 11:45 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.4	27.8	28.2	28.5	
2	pH		day	6.5-8.5				8.11	7.82	7.69	7.68	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.4	11.1	10.17	1.8	0.65	0.22	
4	Color	pt-co	day	15	Portable analyser-AQ3700			76	23	6	2	
5	Suspended Solid	mg/L	day	...				62	10	10	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							0.19
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	270	630					
<b>Remark:</b>												