



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 30-06-2023

Test No: 1452

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: 11:30 AM	Sampling Time: 11:35 AM	Sampling Time: 11:40 AM	Sampling Time: 12:20 PM	Sampling Time: 12:35 PM	Sampling Time: 12:40 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.4	27.9	28.4	28.2	
2	pH		day	6.5-8.5				7.87	7.34	7.17	7.09	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	182	23.2	22.8	1.97	0.46	0.14	
4	Color	pt-co	day	15	Portable analyser-AQ3700			161	37	5	2	
5	Suspended Solid	mg/L	day	...				186	25	25	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							0.22
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	390					
<b>Remark:</b>												