



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 28-07-2023

Test No: 1480

Weather: Cloudy

SI 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: 08:25 AM	Sampling Time: 08:35 AM	Sampling Time: 11:00 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.4	26.1	26	26
2	pH		day	6.5-8.5				8.12	8.05	8.08	8.08
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	90.4	40.4	35.2	1.72	0.34	0.23
4	Color	pt-co	day	15	Portable analyser-AQ3700			256	20	8	8
5	Suspended Solid	mg/L	day	...				103	41	41	2
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	USEPA1 DPD Method1						
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	60		
<b>Remark:</b>											