



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 19-06-2023

Test No: 1441

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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 11:20 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28.2	28	28.4
2	pH		day	6.5-8.5				8.08	7.77	7.65	7.63
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	51.9	14	12.8	1.98	0.25	0.23
4	Color	pt-co	day	15	Portable analyser-AQ3700			91	30	12	9
5	Suspended Solid	mg/L	day	...				55	15	15	4
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						
8	Total Iron	mg/L	Once a week	0.3	USEPA I FerroVer Method						
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	300	510			520	
Remark:											