



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 20-03-2023

Test No: 1350

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: 09:20 AM	Sampling Time: 09:43 AM	Sampling Time: 10:10 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:05 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			24	24.1	24.3	24.6	
2	pH		day	6.5-8.5				8.21	7.99	7.89	7.86	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	32.2	20.6	20	1.98	0.95	0.18	
4	Color	pt-co	day	15	Portable analyser-AQ3700			103	37	4	0	
5	Suspended Solid	mg/L	day	...				33	25	25	3	1
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							0.182
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	110	50			50		
<b>Remark:</b>												