



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 24-07-2023

Test No: 1476

Weather: Sunny

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: 08:58 AM	Sampling Time: 09:30 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:17 AM	Sampling Time: 11:25 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	27.8	27.8	27.9	
2	pH		day	6.5-8.5				8.38	8.26	8.2	8.03	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	234	39.7	37.7	1.88	0.25	0.22	
4	Color	pt-co	day	15	Portable analyser-AQ3700			260	27	5	4	
5	Suspended Solid	mg/L	day	...				250	41	41	1	0
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							0.076
8	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	70			70		
<b>Remark:</b>												