



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 26-06-2023

Test No: 1448

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.4	27.2	27.5	27.8					
2	pH		day	6.5-8.5				7.71	7.4	7.31	7.28					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	154	25.1	25	1.99	0.19	0.13					
4	Color	pt-co	day	15	Portable analyser-AQ3700			162	30	4	0					
5	Suspended Solid	mg/L	day	...				169	29	29	1	0	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							0.027				
8	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method											0.05
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	440			450						

Remark: