



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 13-09-2022

Test No: 1162

Weather: Rain

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: 9:58 AM	Sampling Time: 10:05 AM	Sampling Time: 10:12 AM	Sampling Time: 10:53 AM	Sampling Time: 11:02 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			26	25.7	25.5	25.1
2	pH		day	6.5-8.5				7.11	6.98	6.94	7.01
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	476	112.2	112	11	0.59	0.37
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	83	15	15
5	Suspended Solid	mg/L	day	...				496	122	122	6
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	Salicylate Method						
8	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
<b>Remark:</b>											