



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 26-09-2022

Test No: 1175

Weather: Partly 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: 9:16 AM	Sampling Time: 9:40 AM	Sampling Time: 10:45 AM	Sampling Time: 11:25 AM	Sampling Time: 11:32 AM	Sampling Time: 11:40 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29	29	28.9					
2	pH		day	6.5-8.5				7.16	6.8	6.82	6.86					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	169	59.7	59.7	4.18	0.35	0.32					
4	Color	pt-co	day	15	Portable analyser-AQ3700			321	26	7	0					
5	Suspended Solid	mg/L	day	...				161	53	53	2	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							0.176				
8	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method											0.04
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20						
Remark:																