



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-08-2022

Test No: 1147

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: 9:55 AM	Sampling Time: 9:30 AM	Sampling Time: 10:12 AM	Sampling Time: 10:48 AM	Sampling Time: 11:02 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	28.5	28.1	27.9
2	pH		day	6.5-8.5				9.38	8.92	8.54	8.45
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	46.7	25.2	25.1	4.72	0.52	0.59
4	Color	pt-co	day	15	Portable analyser-AQ3700			106	35	0	0
5	Suspended Solid	mg/L	day	...				40	19	19	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						
8	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN	0.009					
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.11					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											