



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-08-2022

Test No: 1119

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: 9:15 AM	Sampling Time: 9:30 AM	Sampling Time: 10:55 AM	Sampling Time: 12:05 PM	Sampling Time: 12:15 PM	Sampling Time: 12:25 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			31.7	31.6	31.2	31.4
2	pH		day	6.5-8.5				8.9	8.19	7.9	7.85
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	59.6	13.7	13.4	2.8	0.88	0.52
4	Color	pt-co	day	15	Portable analyser-AQ3700			91	26	4	3
5	Suspended Solid	mg/L	day	...				51	8	8	1
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	0.05					
9	Total Iron	mg/L	Once a week	<0.3	USEPA 1 FerroVer Method	0.03					
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.11					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											