



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-08-2023

Test No: 1501

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: 09:48 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.2	26.1	28.1	28.1
2	pH		day	6.5-8.5				8.64	8.47	8.3	8.01
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	625	54.2	52	1.79	0.71	0.09
4	Color	pt-co	day	15	Portable analyser-AQ3700			360	23	15	12
5	Suspended Solid	mg/L	day	...				591	66	66	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1						
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1						
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	50				
Remark:											