



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-05-2023

Test No: 1396

Weather: 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: 09:13 AM	Sampling Time: 09:20 AM	Sampling Time: 9:35 AM	Sampling Time: 10:08 AM	Sampling Time: 10:19 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.2	28.2	28.1	28.1
2	pH		day	6.5-8.5				8.02	8.01	7.98	7.94
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	41	12.6	11.2	1.39	0.33	0.23
4	Color	pt-co	day	15	Portable analyser-AQ3700			97	17	17	11
5	Suspended Solid	mg/L	day	...				46	16	16	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	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	0.26					
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2	68					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	450	400			390	
Remark:											