



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-03-2023

Test No: 1361

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: 9:20 AM	Sampling Time: 9:25 AM	Sampling Time: 9:30 AM	Sampling Time: 10:22 AM	Sampling Time: 10:30 AM	Sampling Time: 10:35 AM			
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.2	25.5	25.8	25.8			
2	pH		day	6.5-8.5				8.36	7.95	7.92	7.9			
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	42.8	11.2	10.9	1.99	0.42	0.28			
4	Color	pt-co	day	15	Portable analyser-AQ3700			66	23	9	3			
5	Suspended Solid	mg/L	day	...				42	9	9	1	0	0	
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							0.13		
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2									
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	210	120							

Remark: