



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-08-2023

Test No: 1487

Weather: Rain

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: 11:30 AM	Sampling Time: 10:10 AM	Sampling Time: 10:15 AM	Sampling Time: 11:05 AM	Sampling Time: 11:15 AM	Sampling Time: 11:20 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28	28.3	28.1	27.9	
2	pH		day	6.5-8.5				7.35	7.31	7.16	6.94	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	117	25.6	25.4	1.99	0.41	0.24	
4	Color	pt-co	day	15	Portable analyser-AQ3700			171	73	20	9	
5	Suspended Solid	mg/L	day	...				125	26	26	4	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							0.25
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	50					
Remark:												