



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-08-2022

Test No: 1144

Weather: Mostly 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: 11:22 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:55 AM	Sampling Time: 11:05 AM	Sampling Time: 11:15 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.1	29.8	30	29.4	
2	pH		day	6.5-8.5				8.23	7.97	7.74	7.65	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	123.4	39.2	39.2	6.12	0.48	0.3	
4	Color	pt-co	day	15	Portable analyser-AQ3700			227	31	0	0	
5	Suspended Solid	mg/L	day	...				113	35	35	3	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							0.25
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												