



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-09-2022

Test No: 1179

Weather: Partly 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: 8:30 AM	Sampling Time: 8:40 AM	Sampling Time: 8:50 AM	Sampling Time: 9:40 AM	Sampling Time: 9:50 AM	Sampling Time: 10:00 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.5	29.6	30.1	29.4	
2	pH		day	6.5-8.5				7.31	7.08	7.19	7.26	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	327	48.3	48.3	3.47	0.38	0.23	
4	Color	pt-co	day	15	Portable analyser-AQ3700			381	17	0	0	
5	Suspended Solid	mg/L	day	...				311	41	41	2	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							0.21
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												